

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

Figure 1.

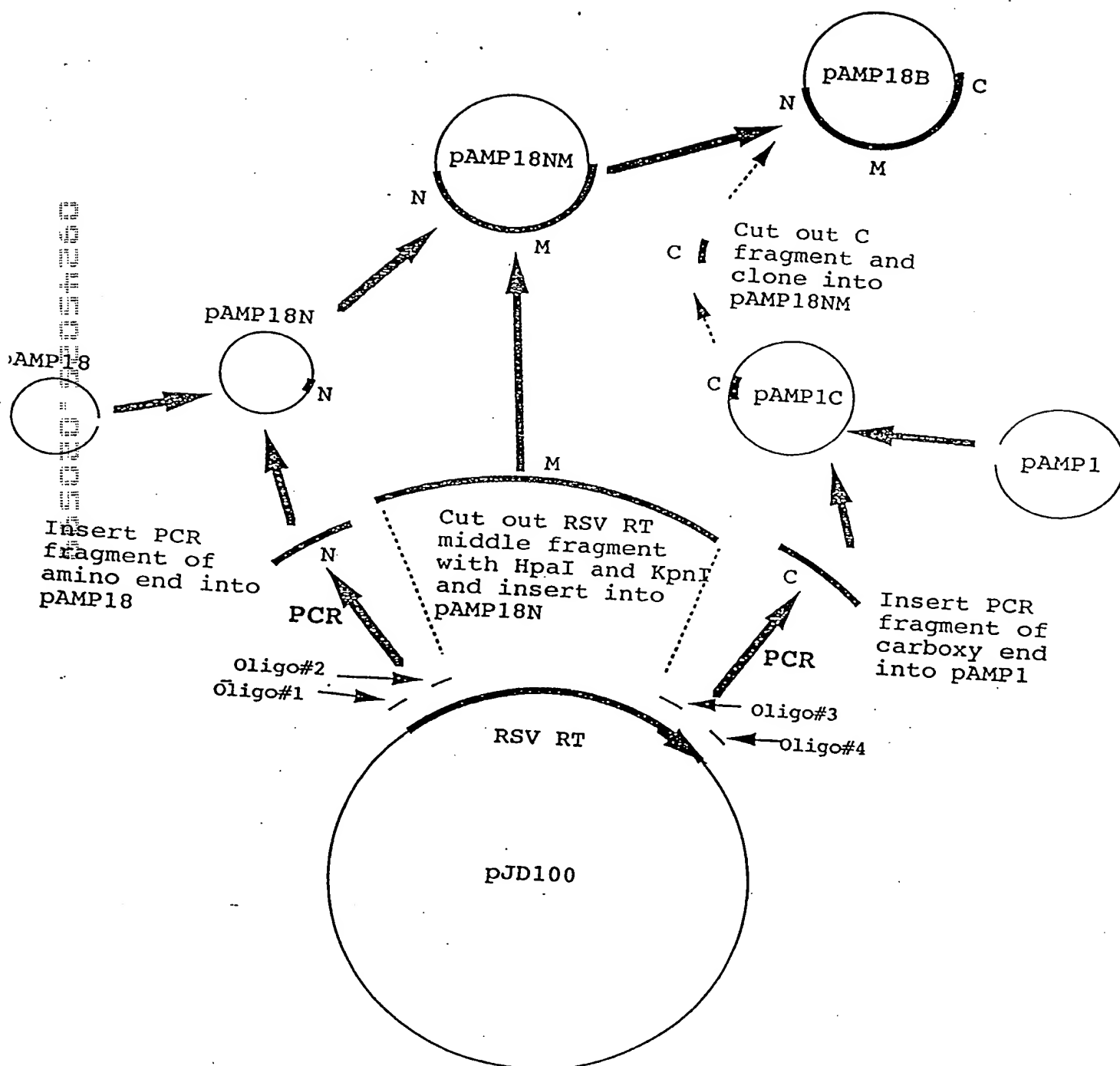


Figure 2.

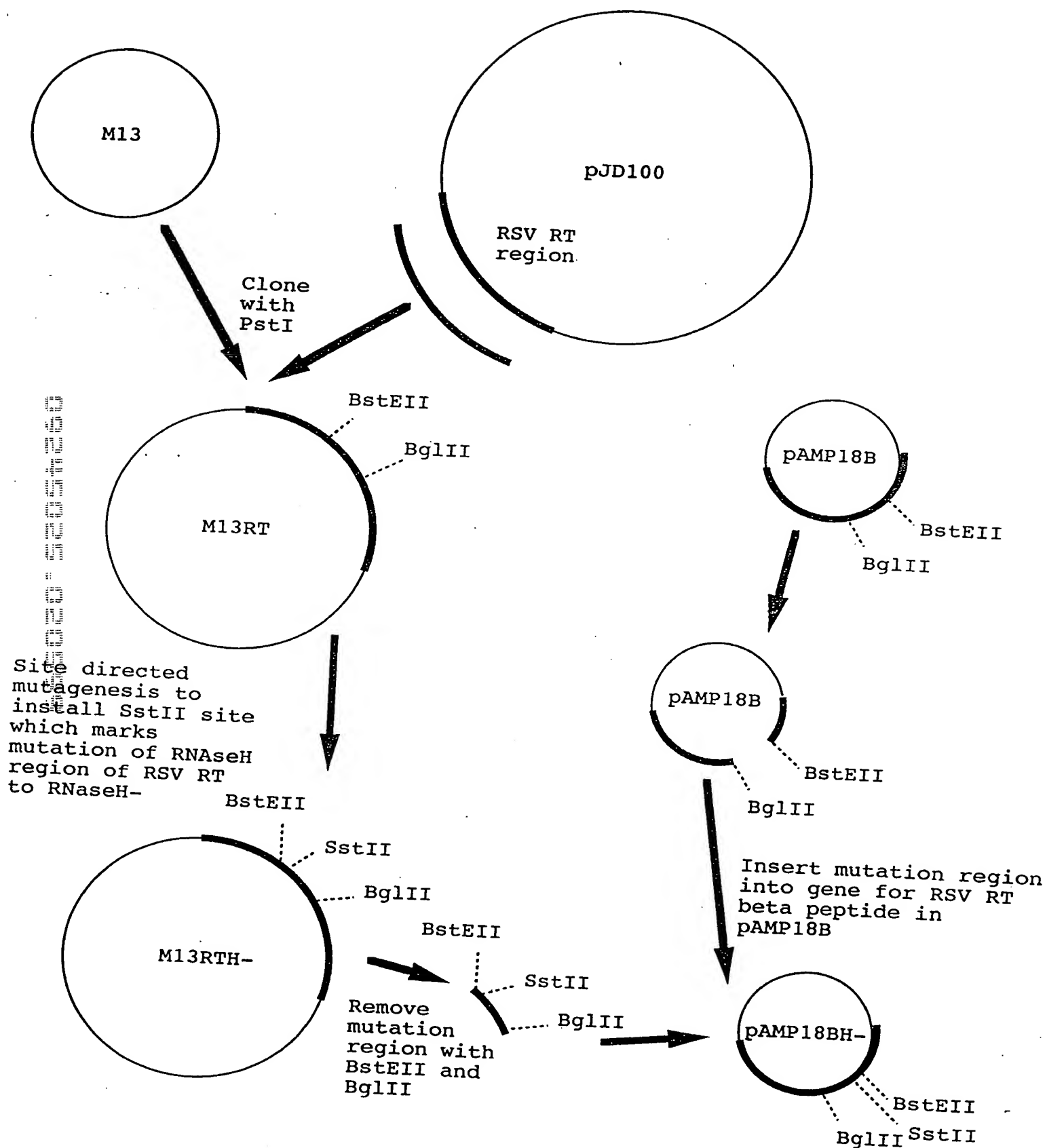


Figure 3.

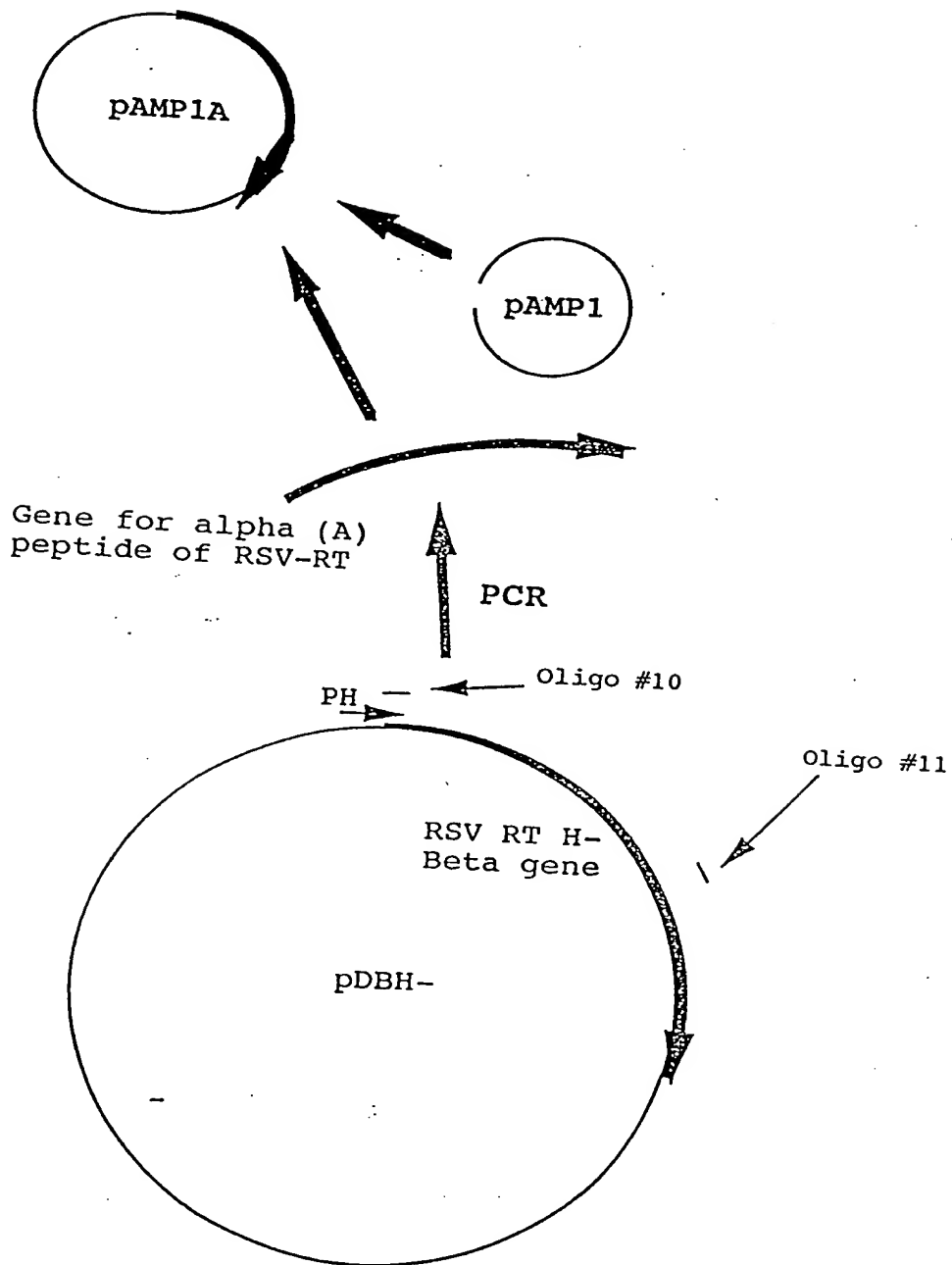


Figure 4.

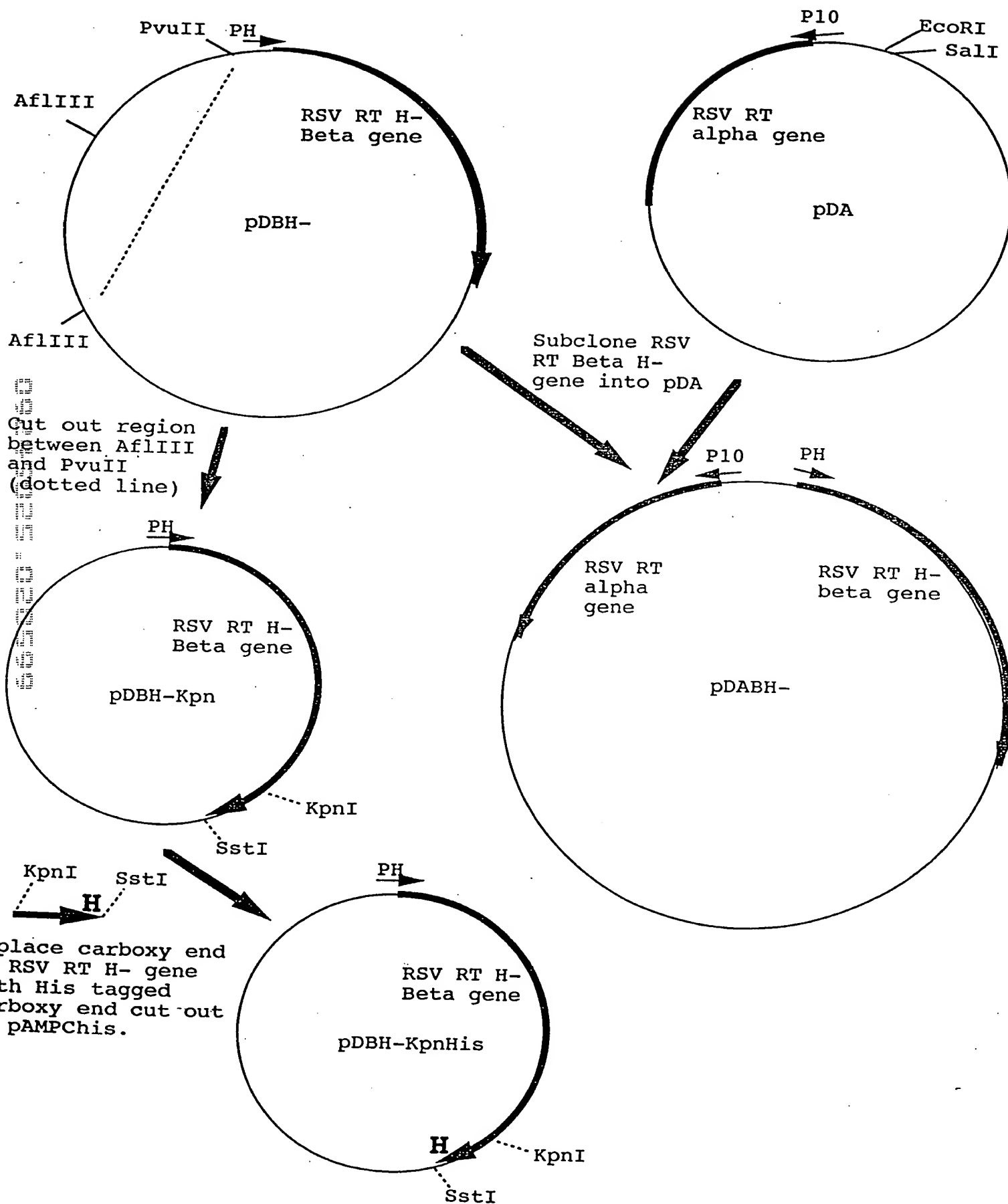


Figure 5.

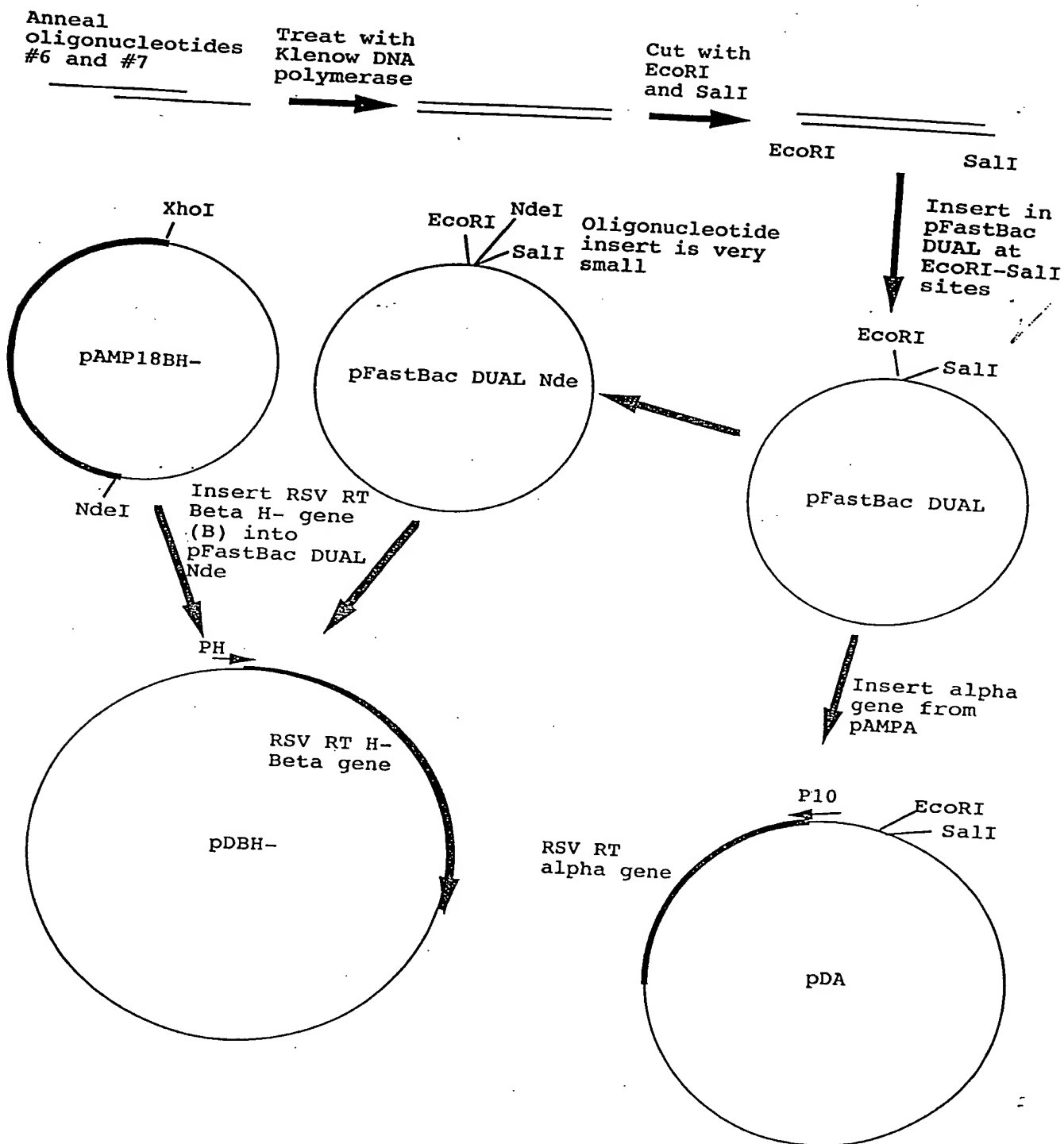
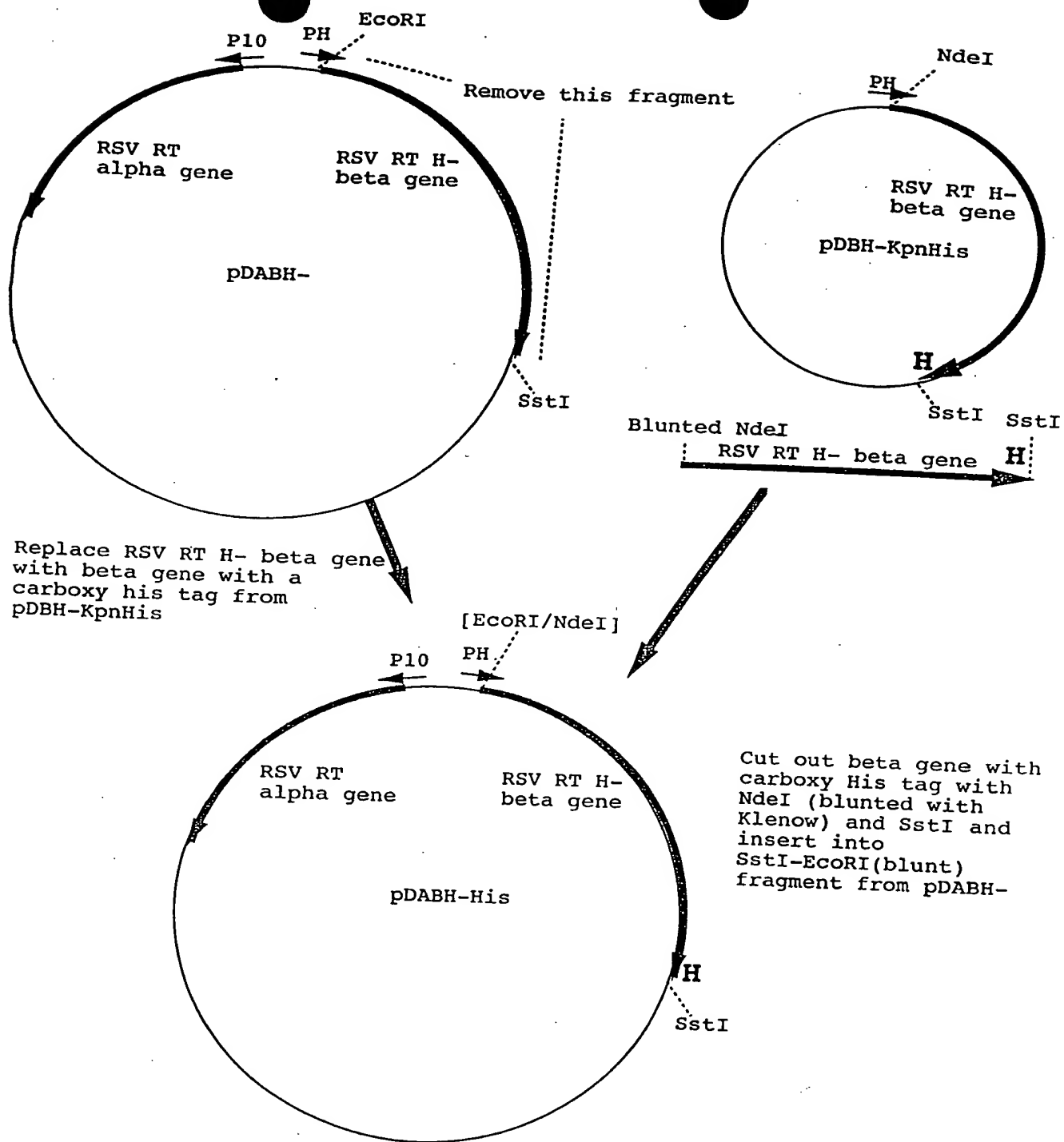


Figure 6.



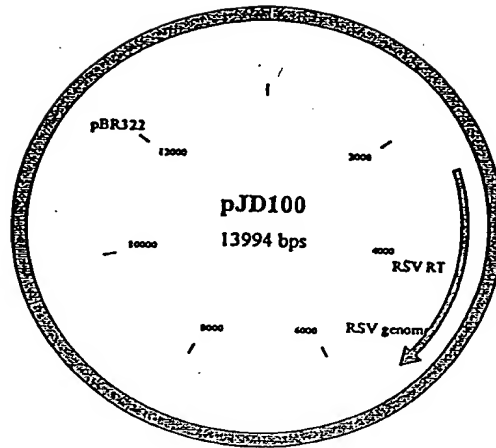


Figure 7



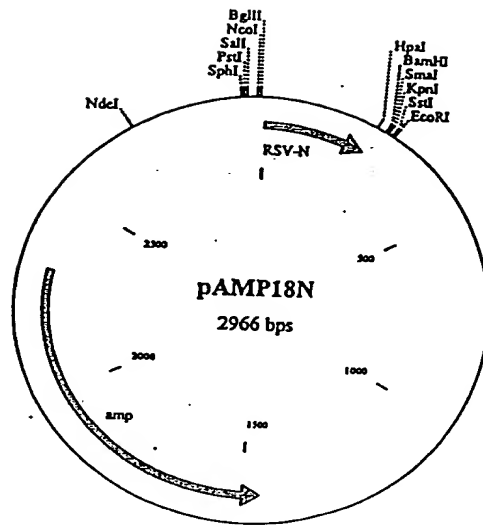


Figure 8

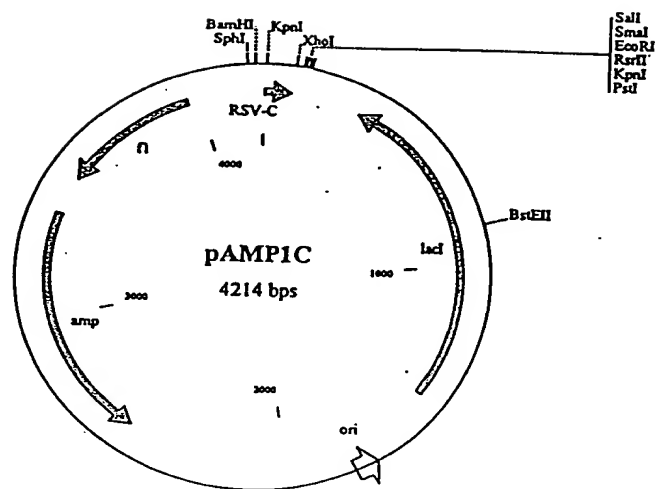


Figure 9

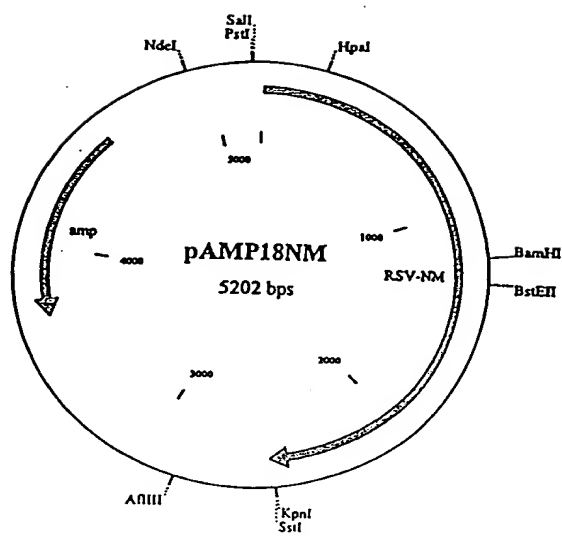


Figure 10

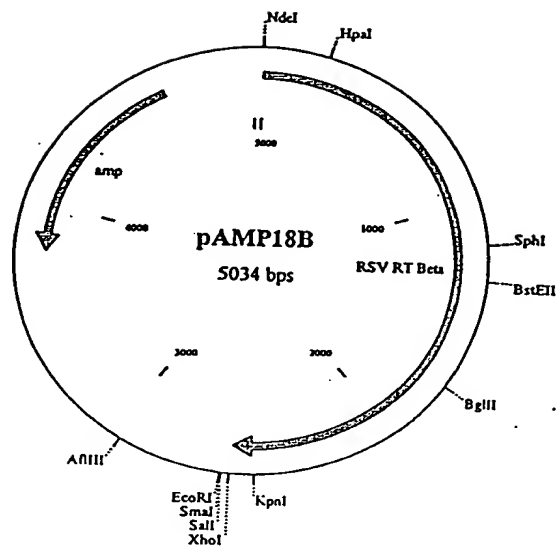


Figure 11

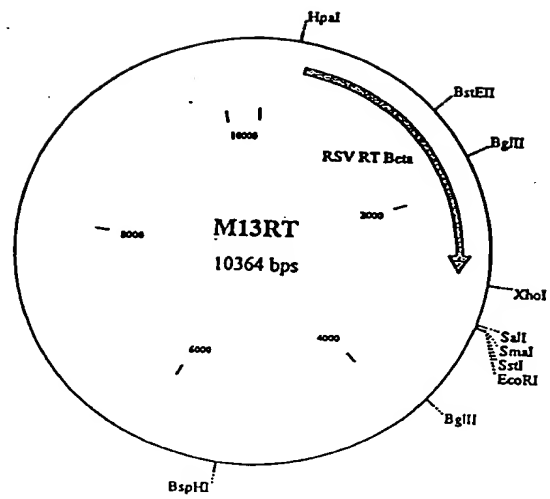


Figure 12

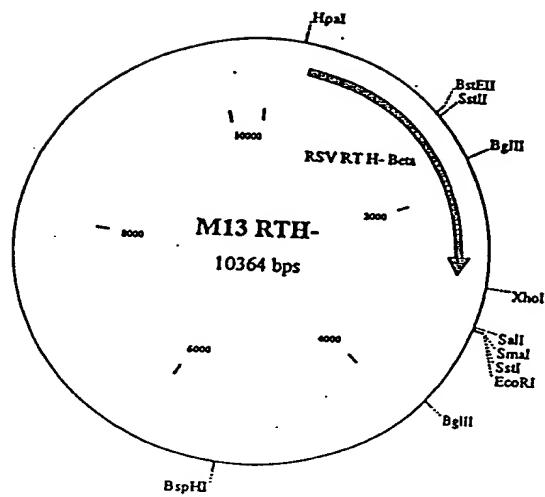


Figure 13

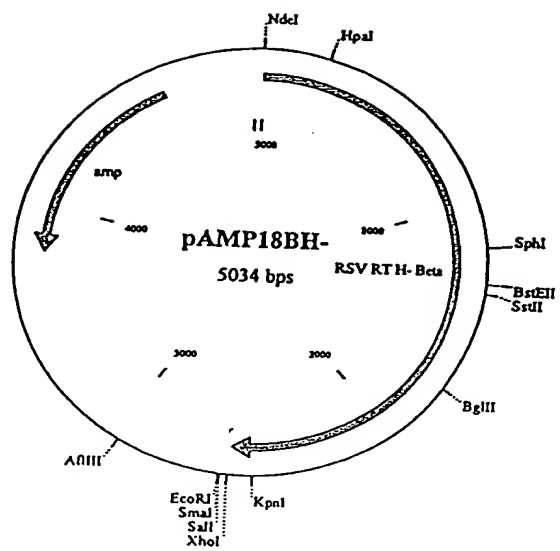


Figure 14

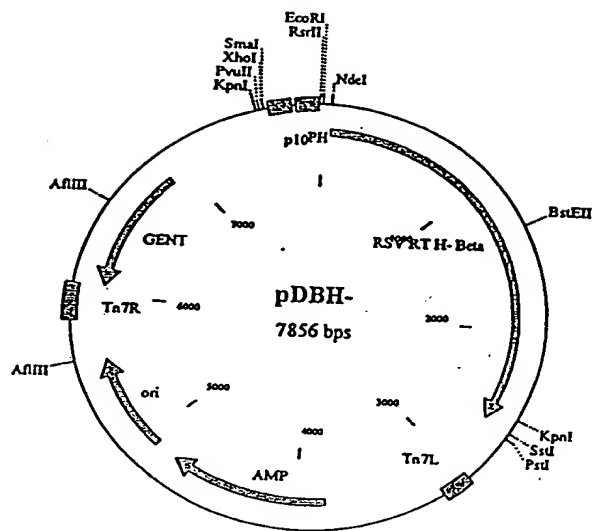


Figure 15



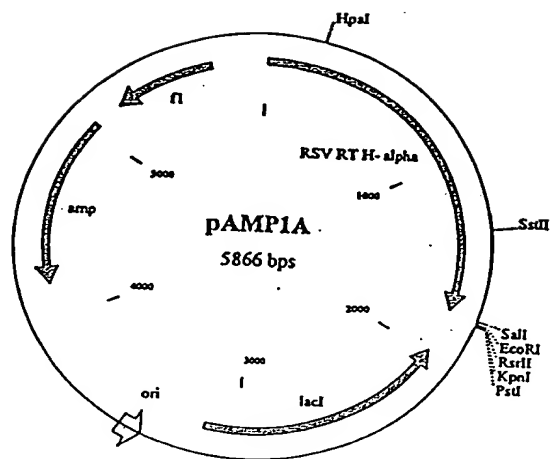


Figure 16

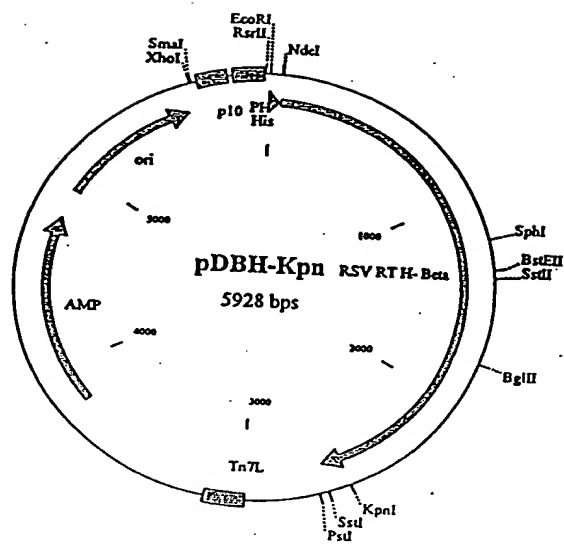


Figure 17

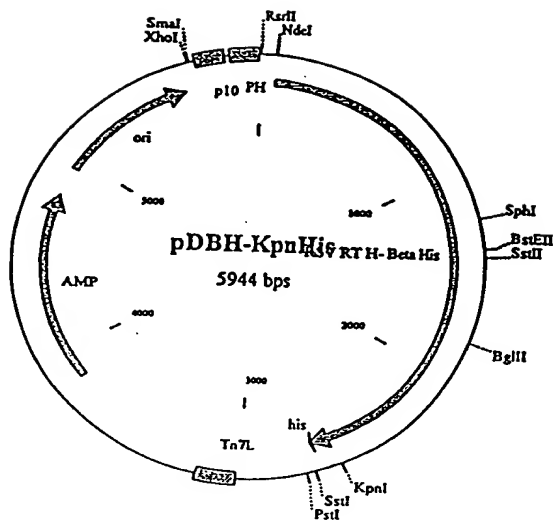


Figure 18

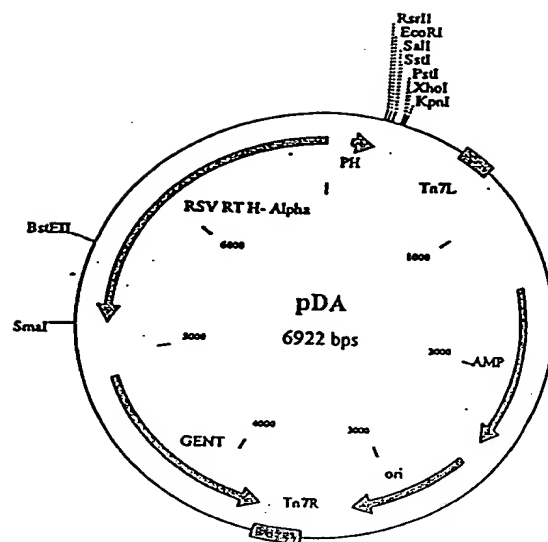


Figure 19

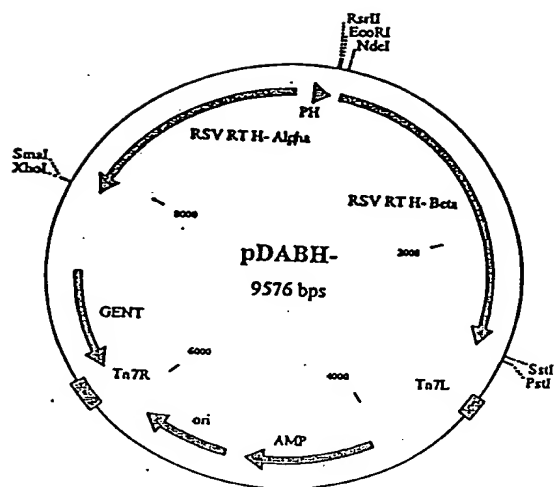


Figure 20

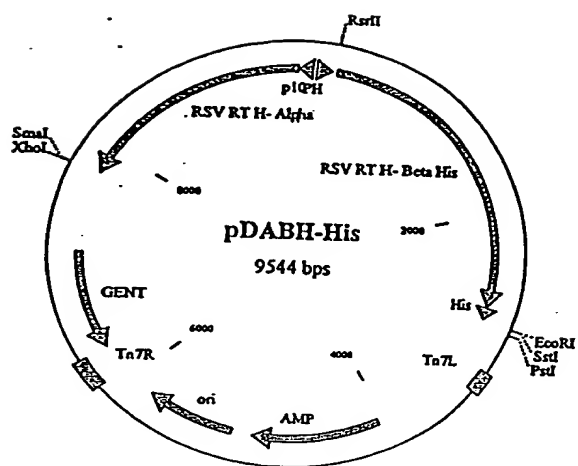


Figure 21

FIGURE 22

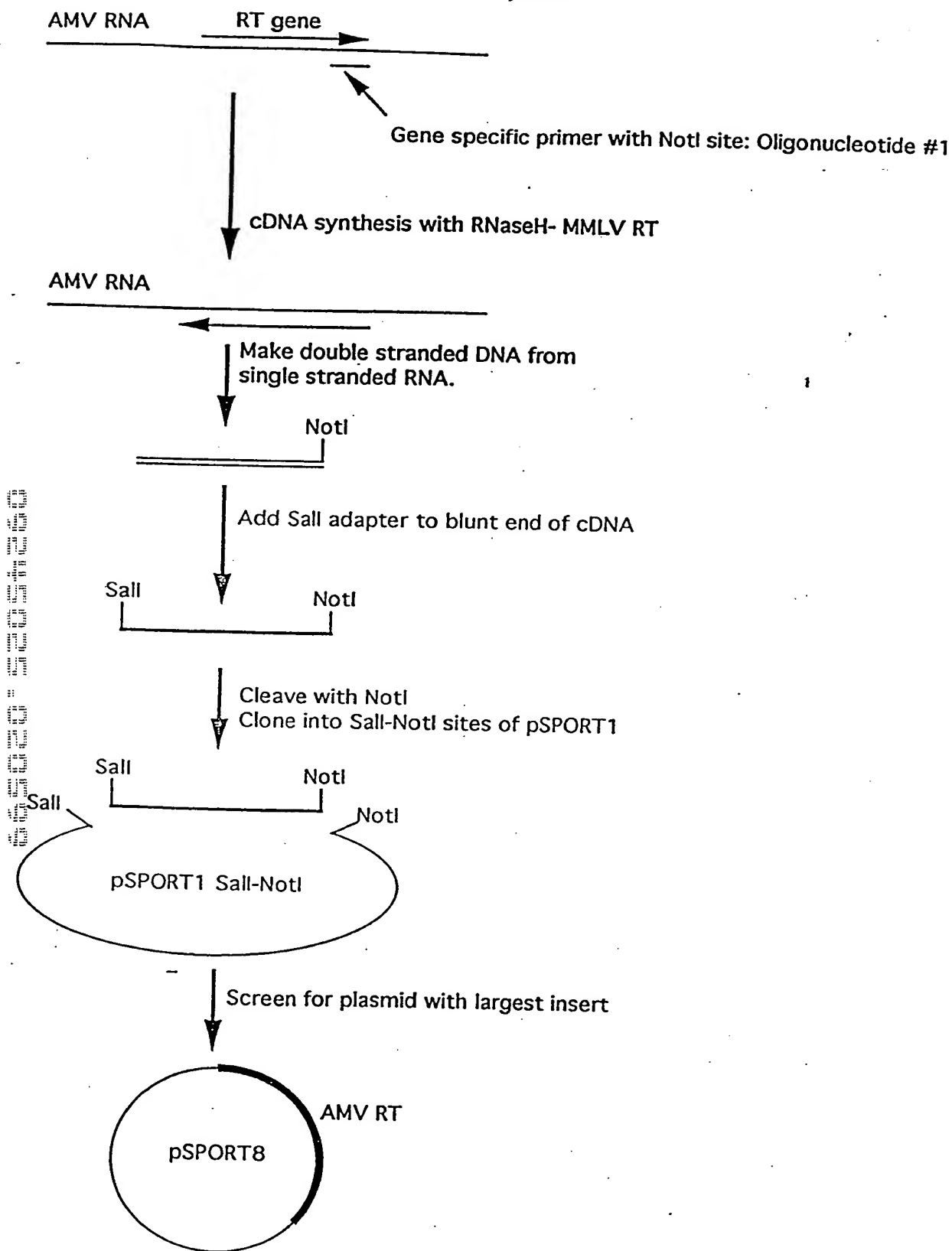


FIGURE 23.

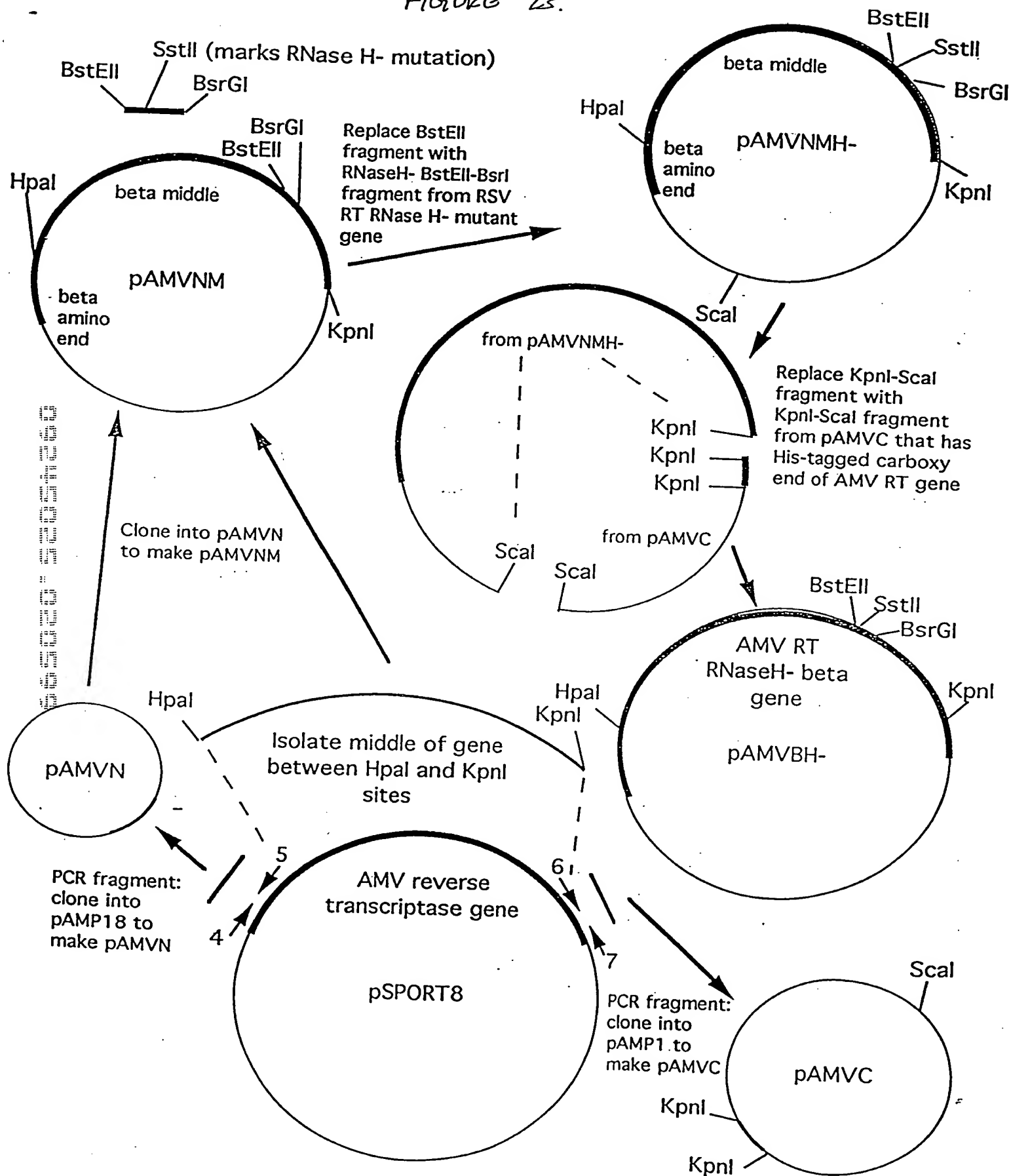




FIGURE 24.

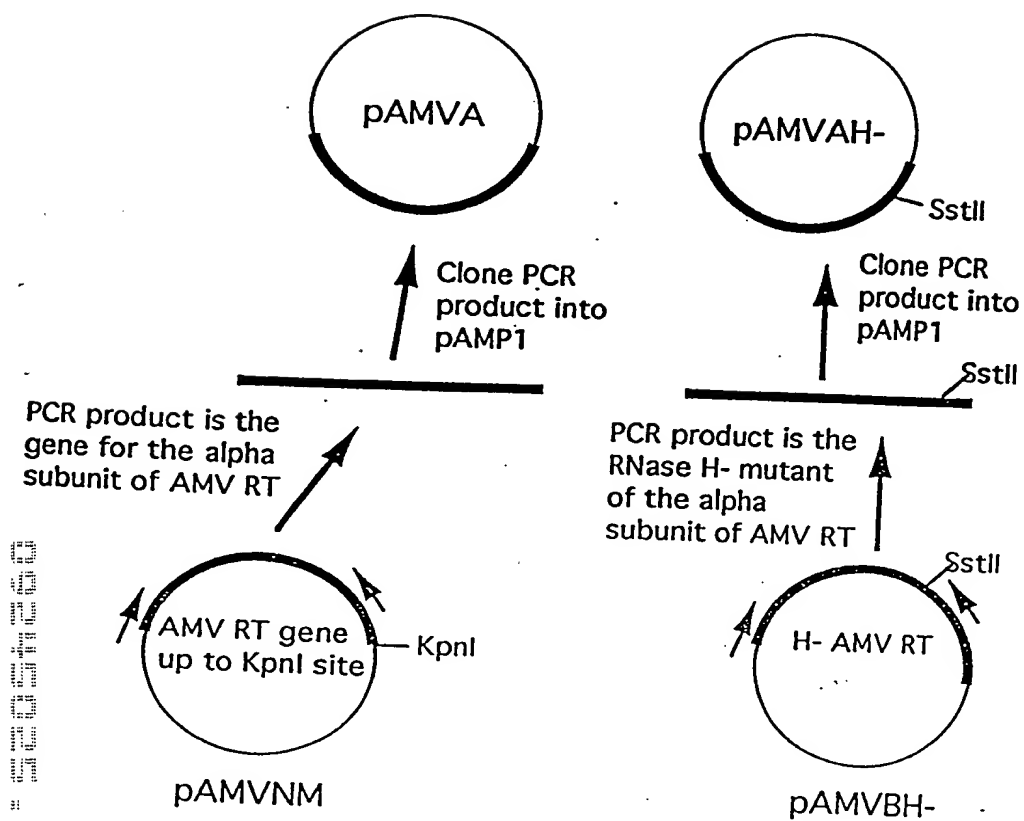


FIGURE 25.

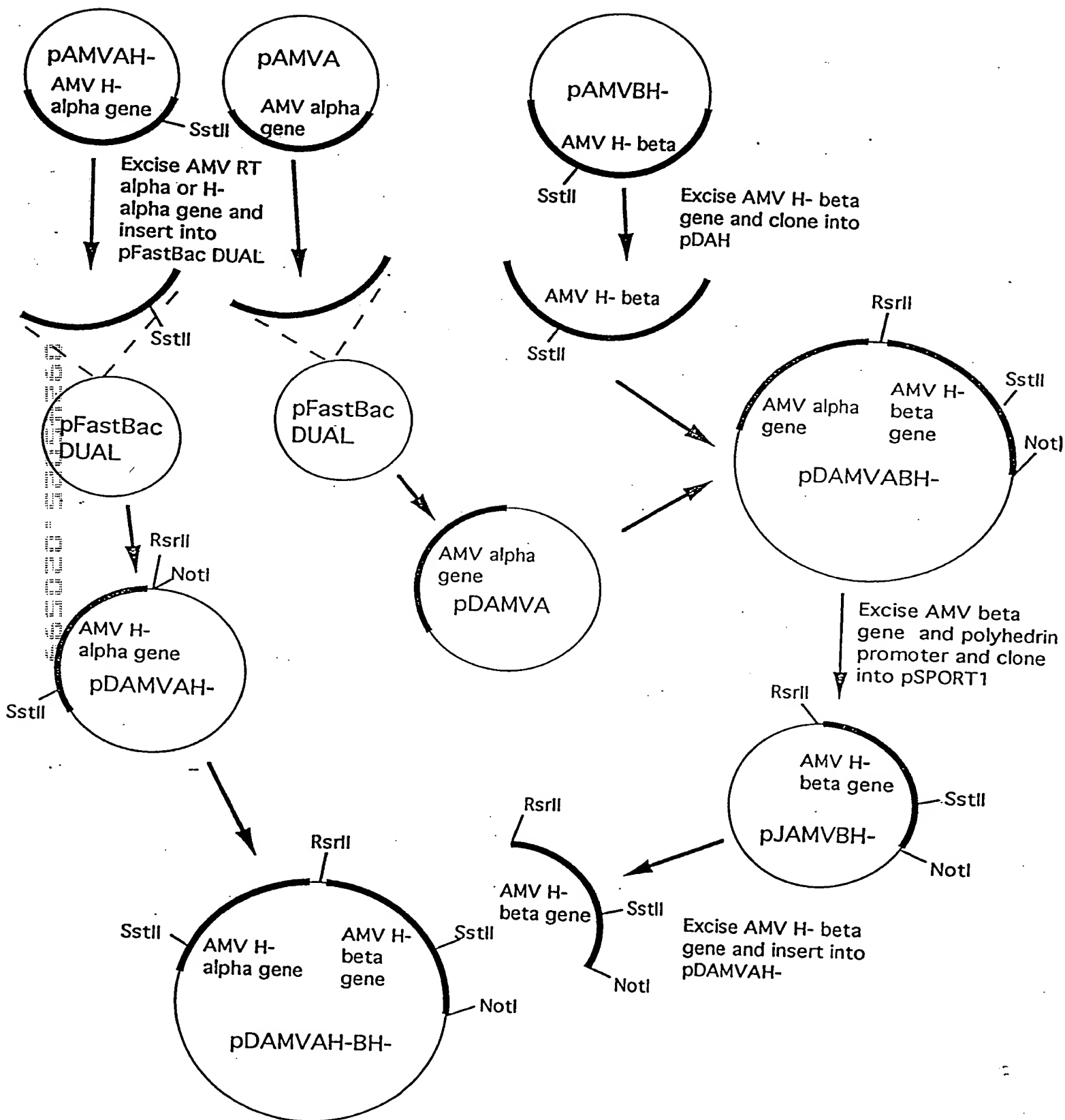


FIGURE 26.

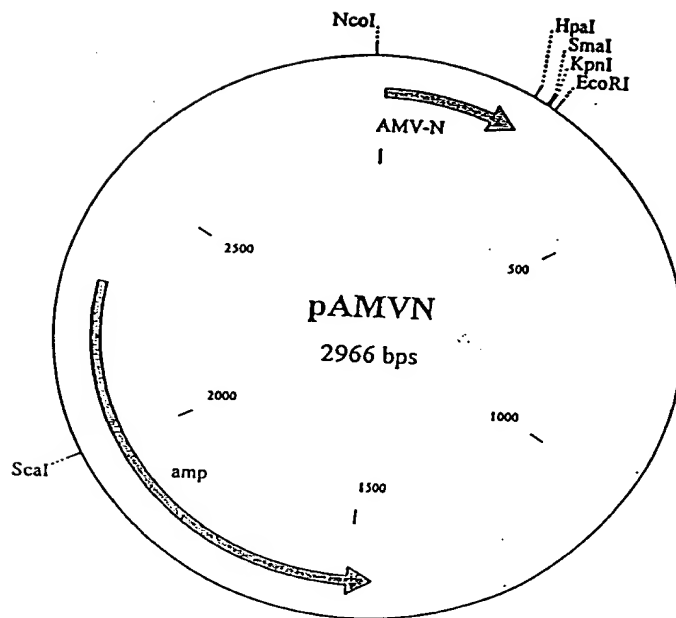


FIGURE 27

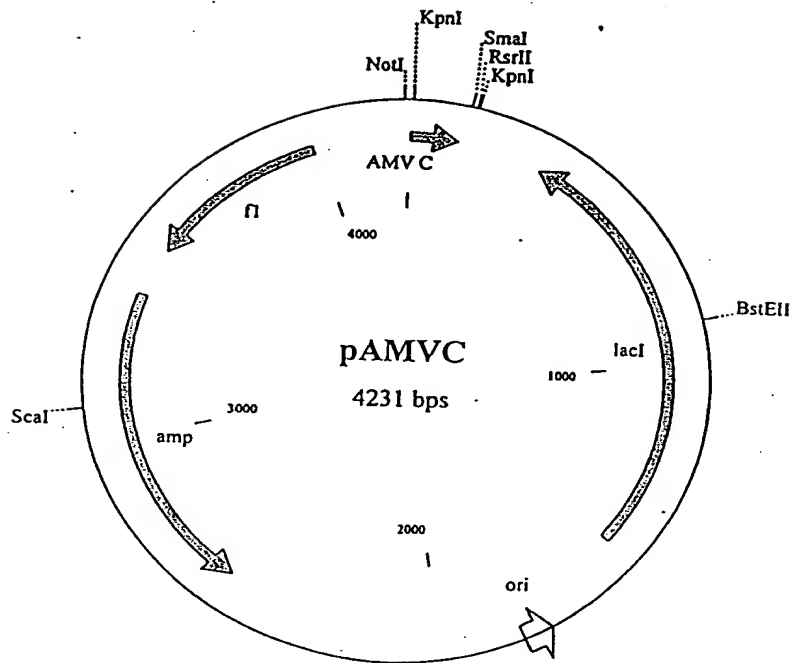


FIGURE 2B.

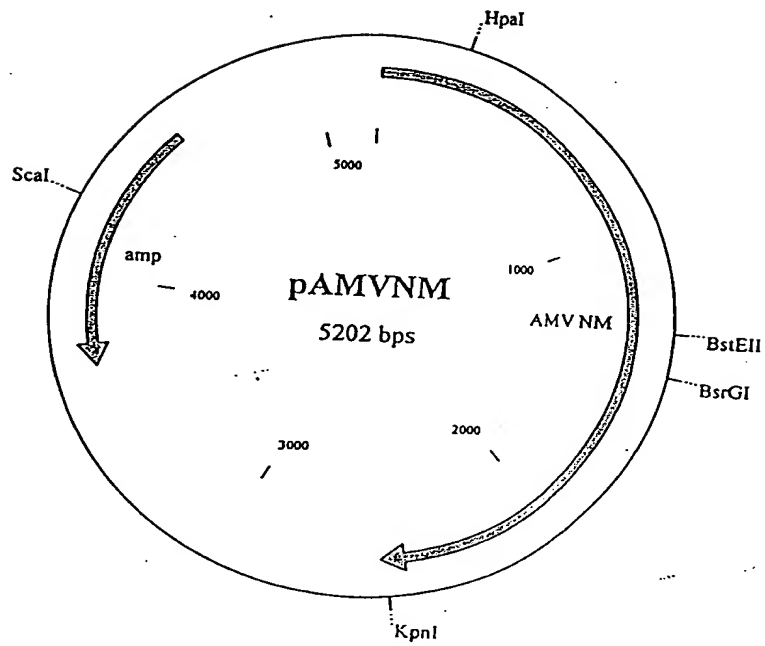


FIGURE 29.

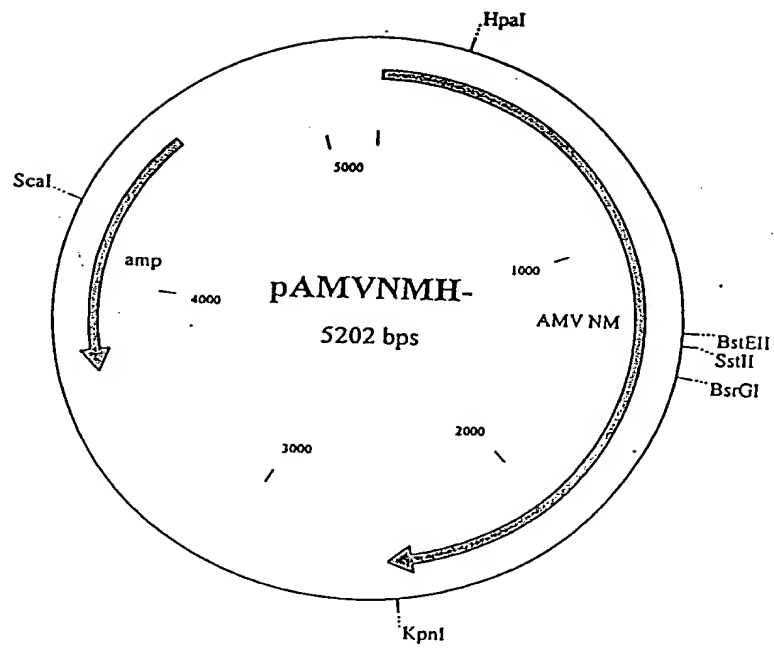


FIGURE 30.

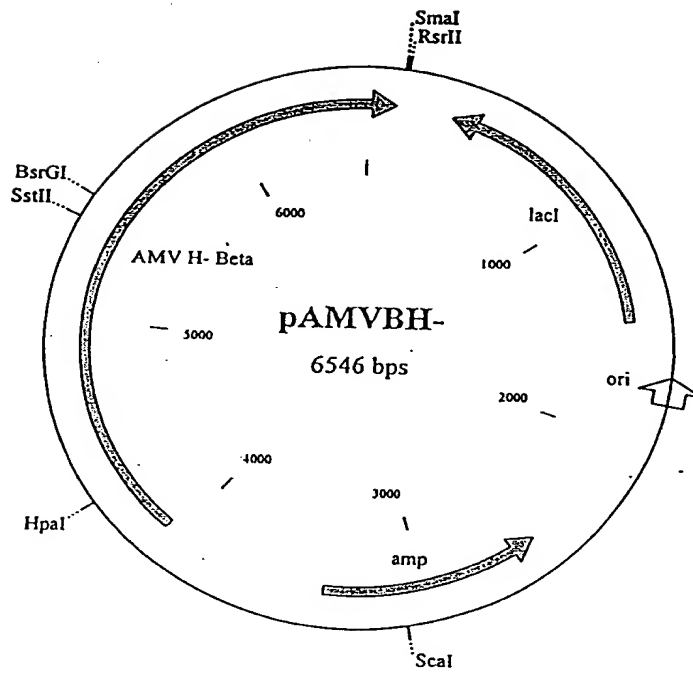


FIGURE 31.

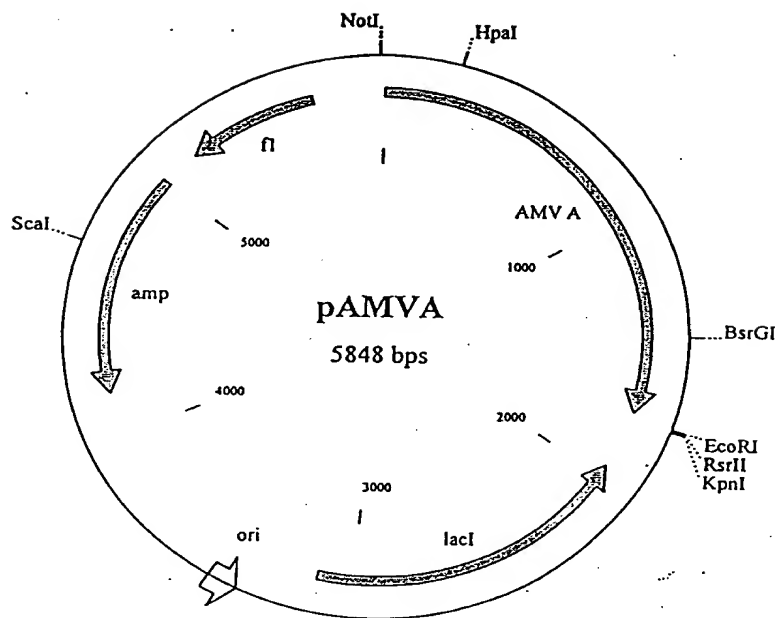




FIGURE 32.

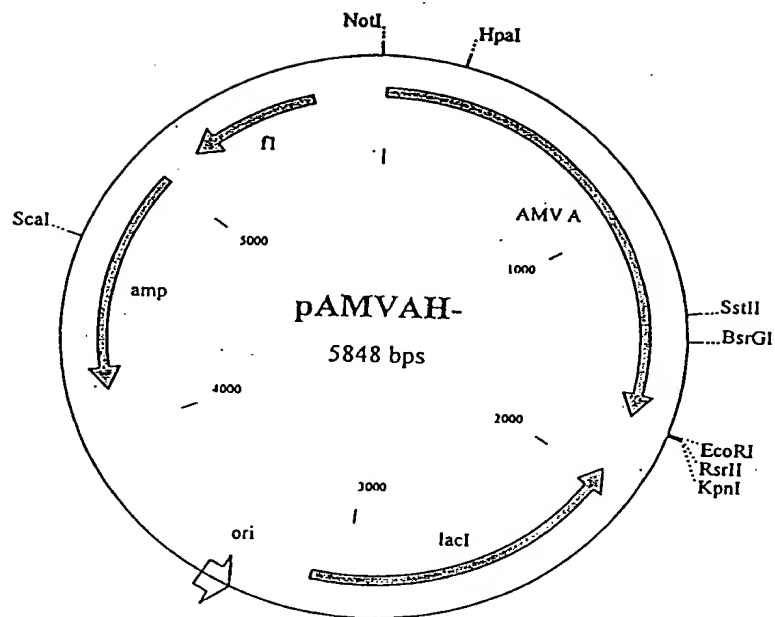


FIGURE 33.

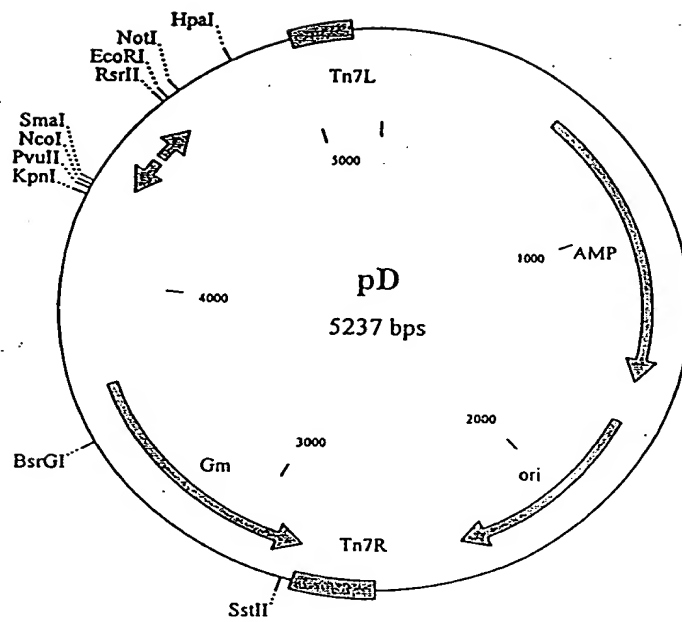


FIGURE 34.

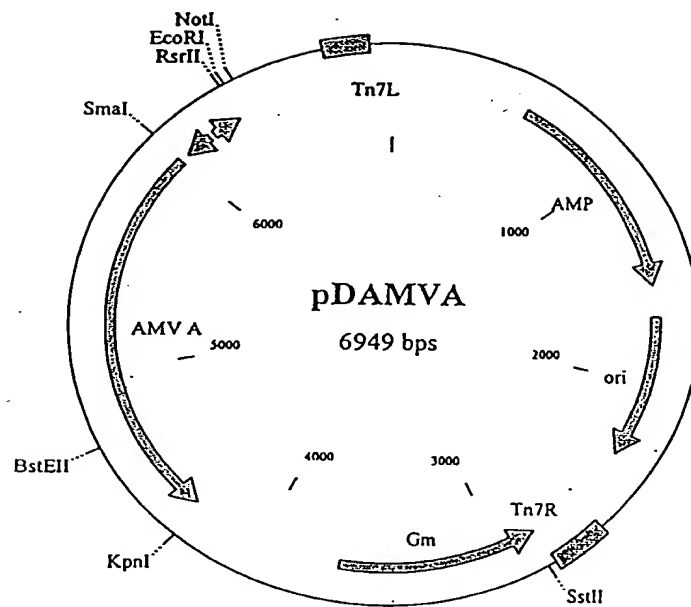


FIGURE 35.

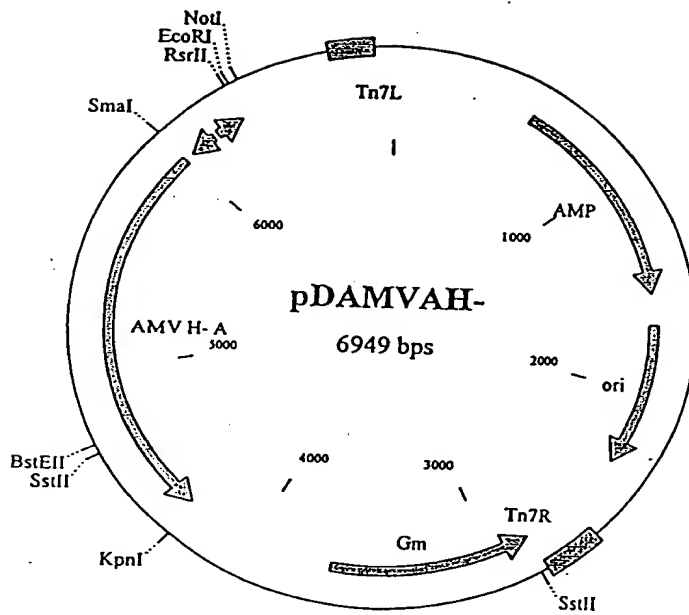


FIGURE 36

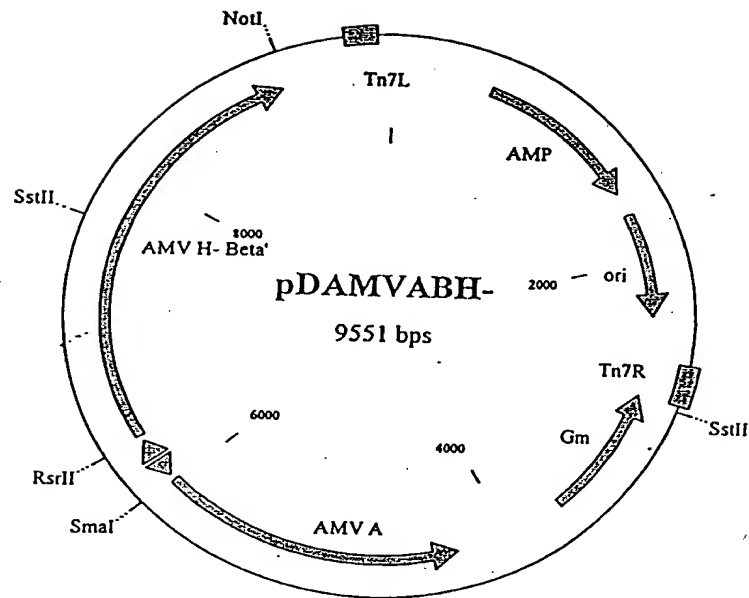


FIGURE 37.

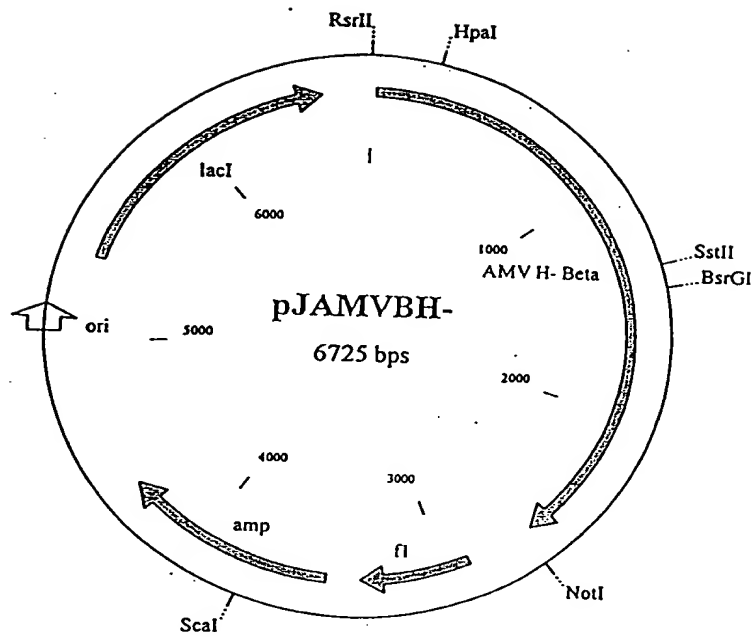


FIGURE 3B:

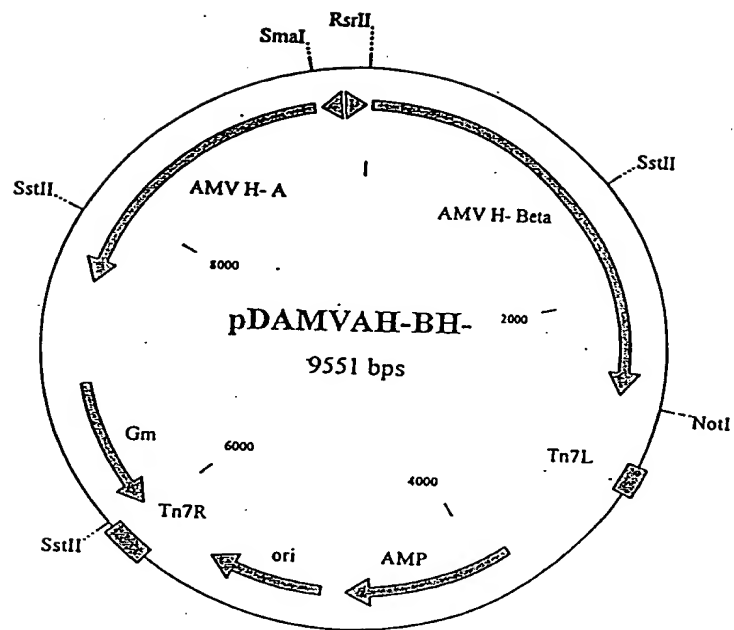


Fig 39

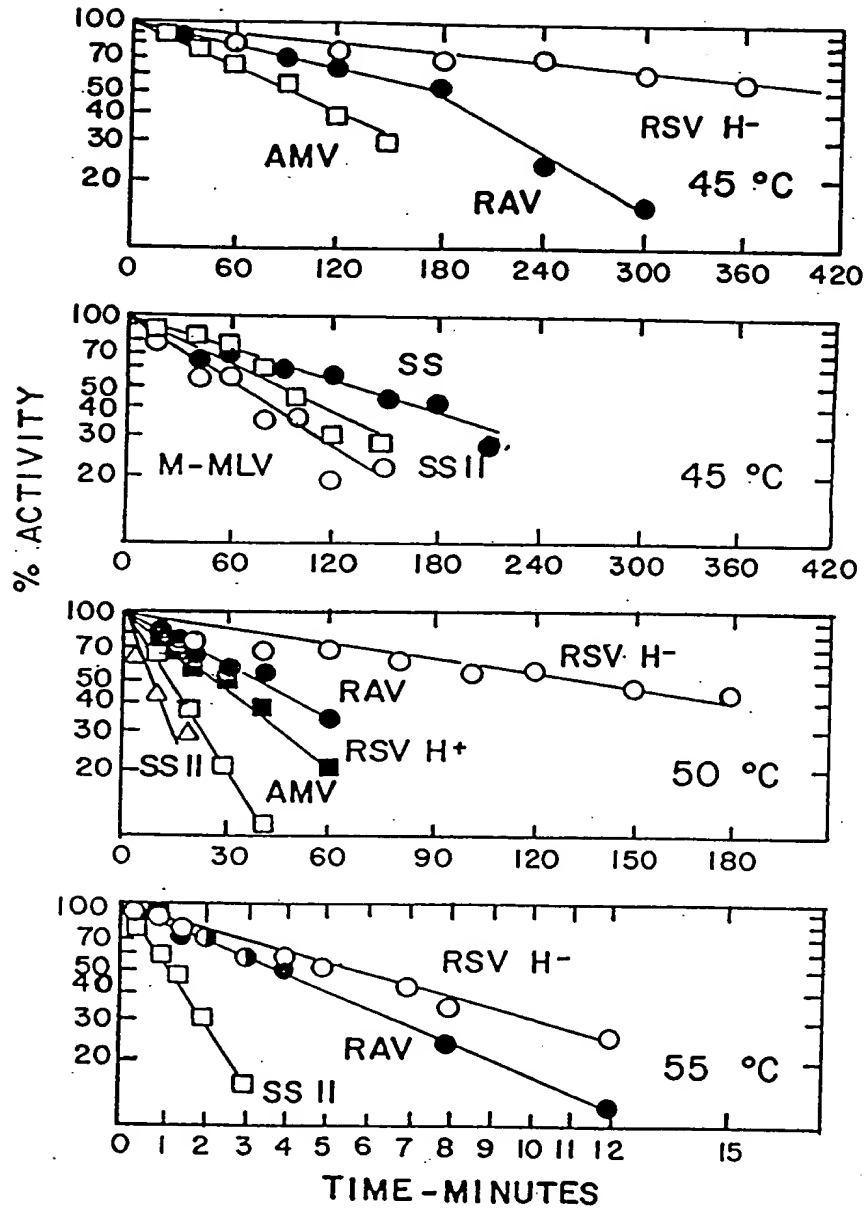




Figure 40

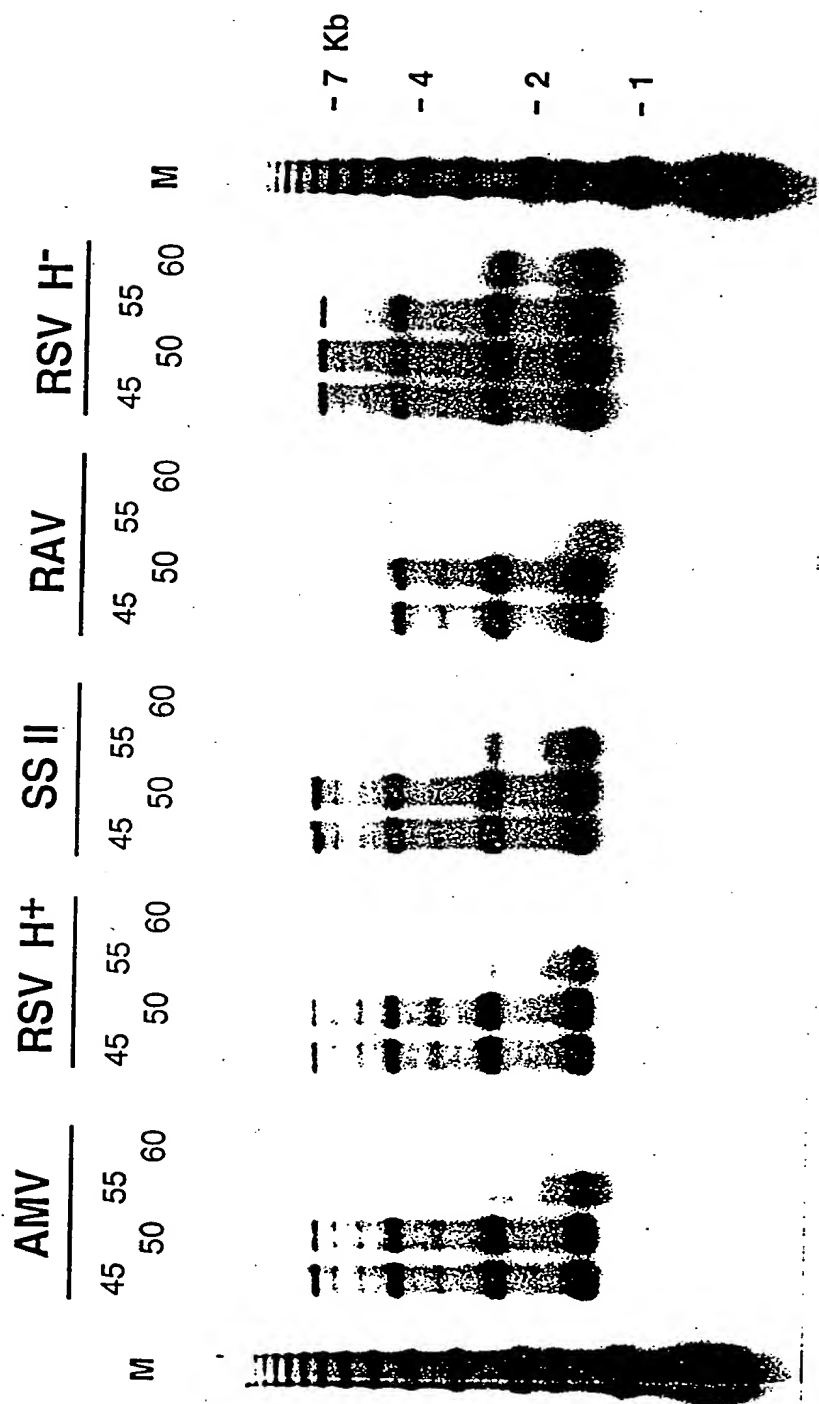


Figure 41

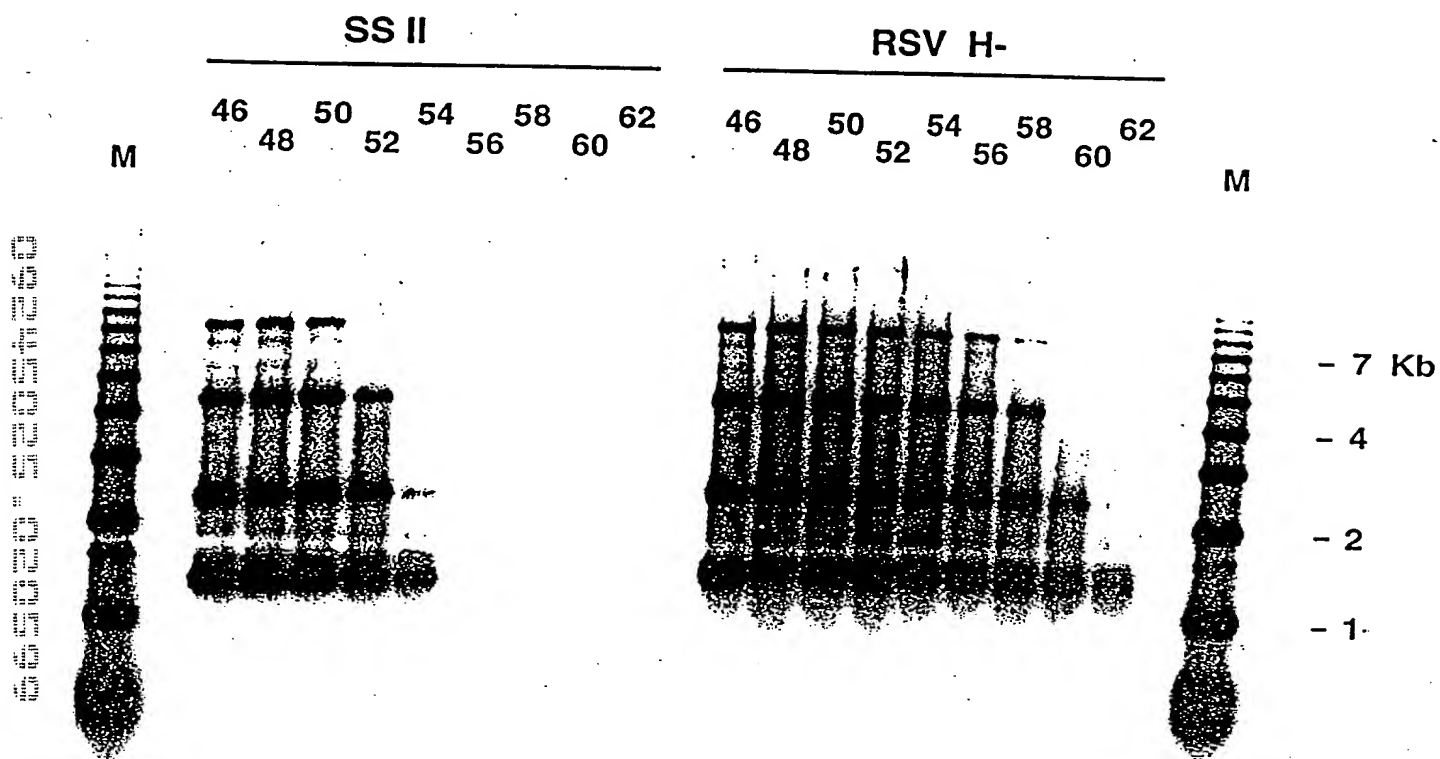
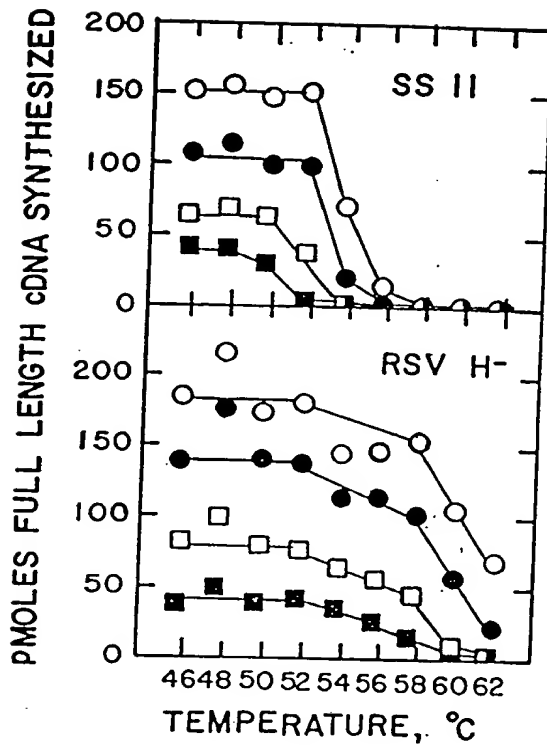


Figure 42



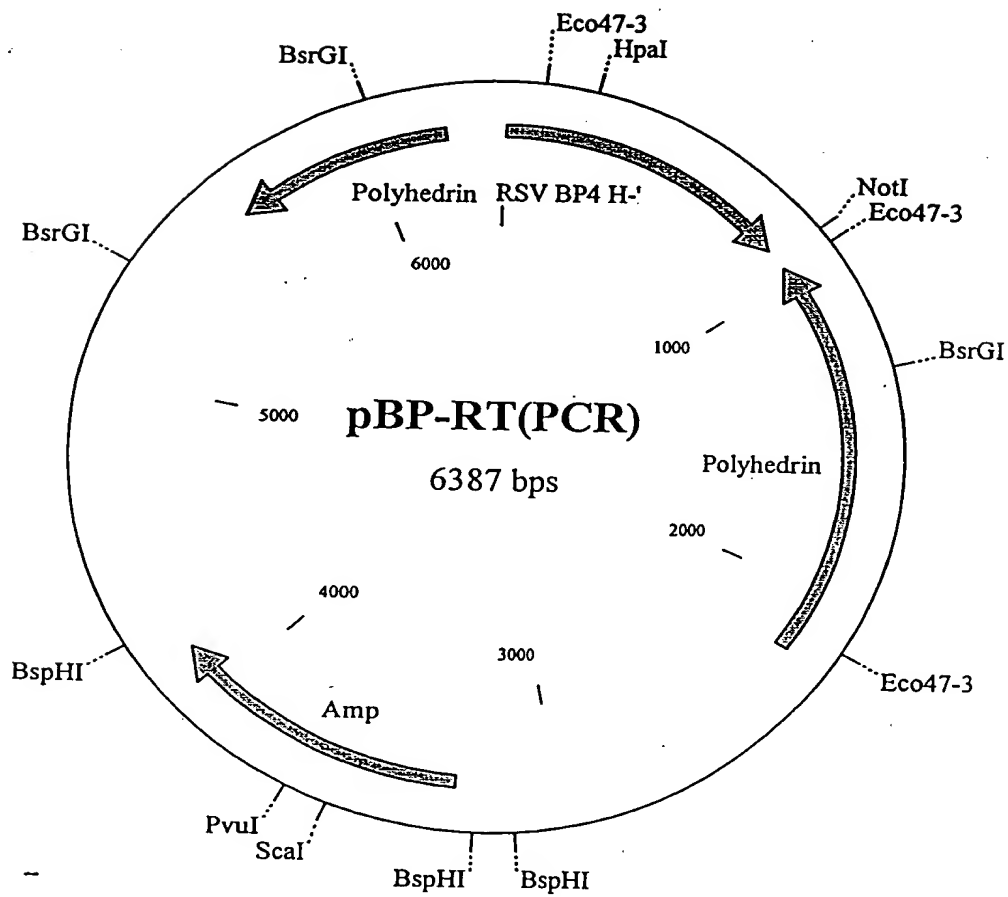


Figure 44

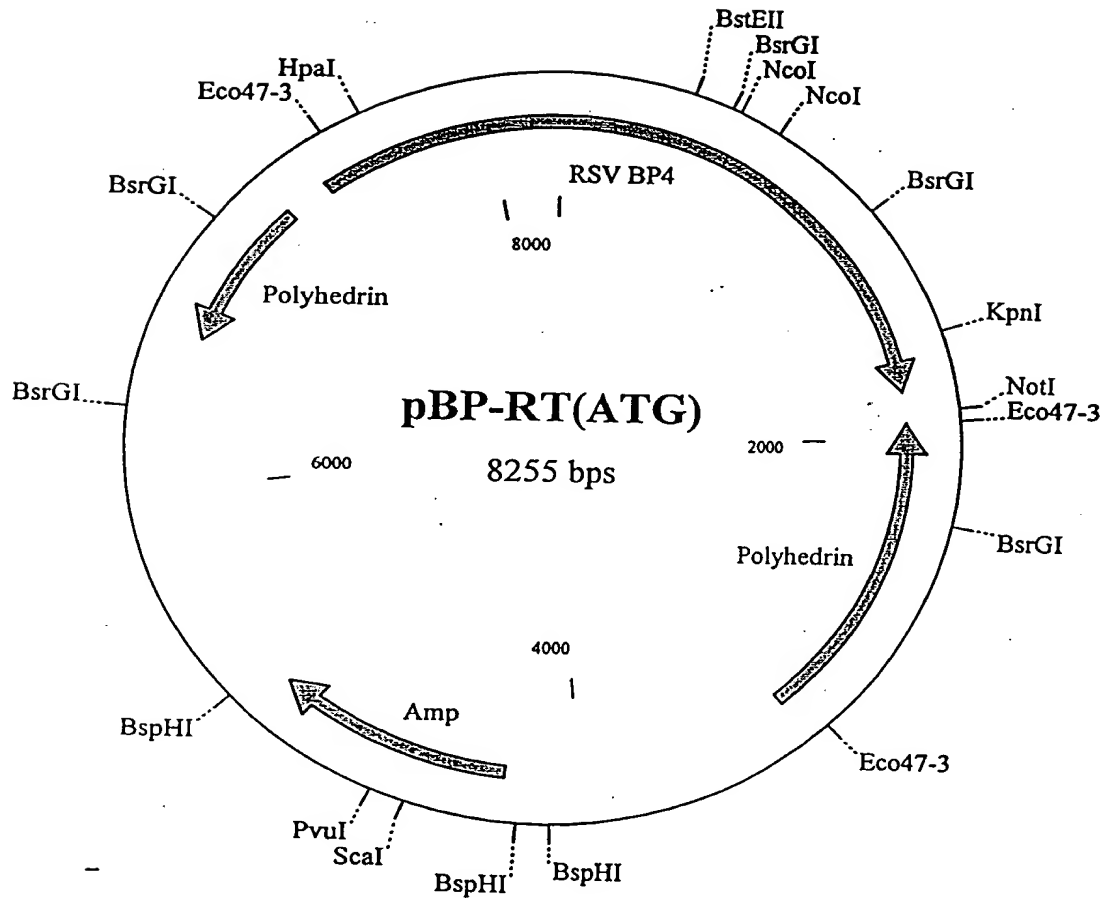


Figure 46

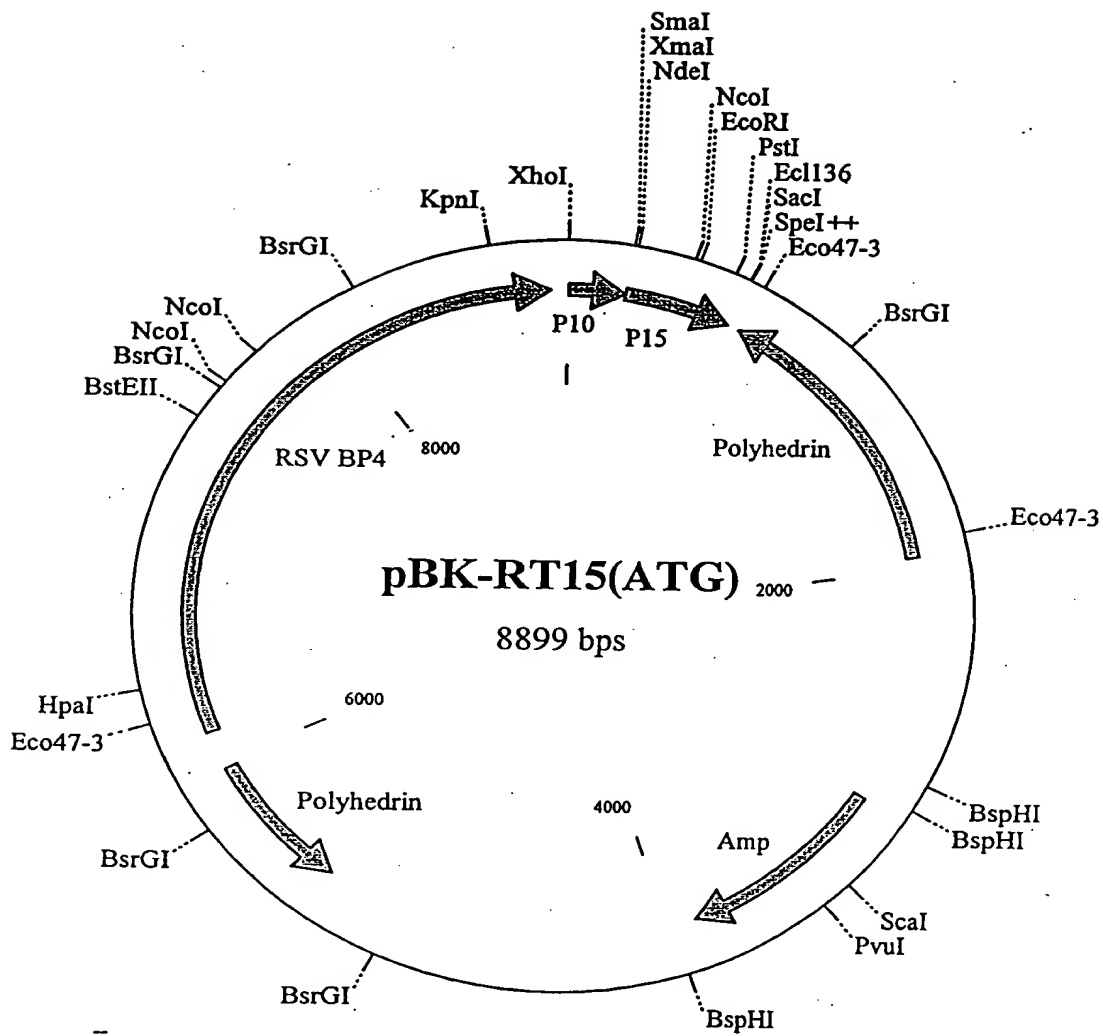


Figure 46

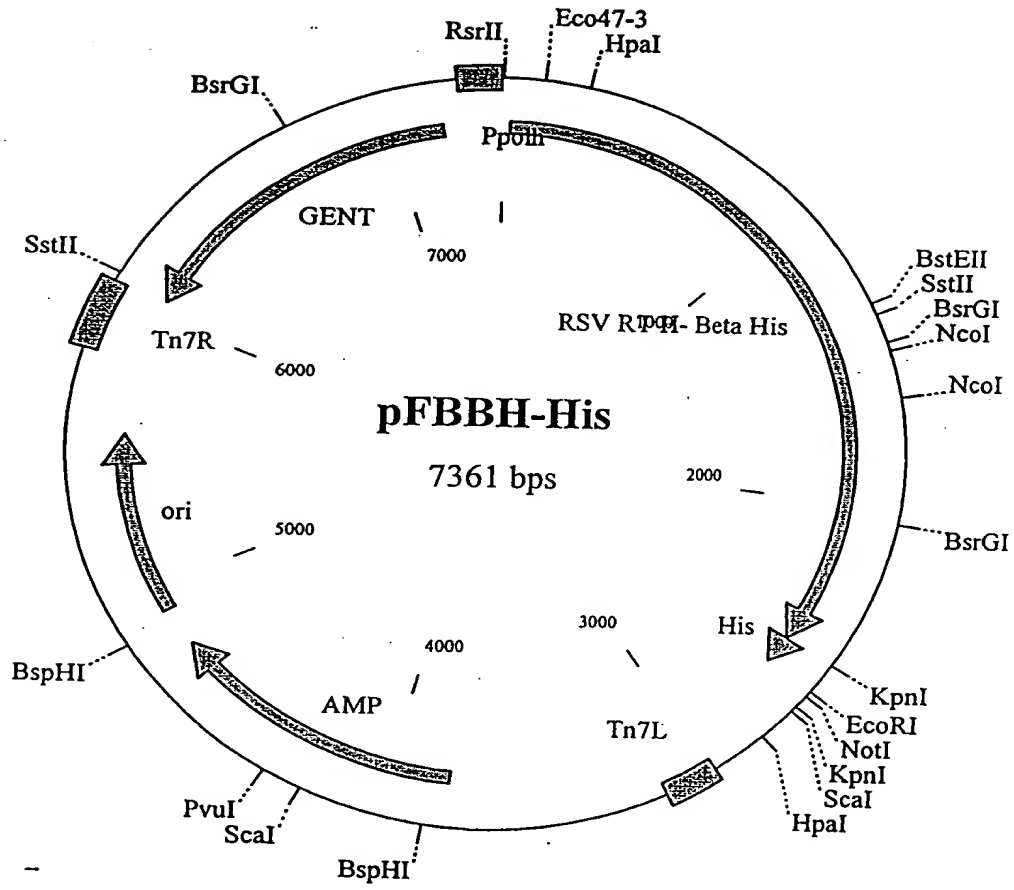


Figure 47

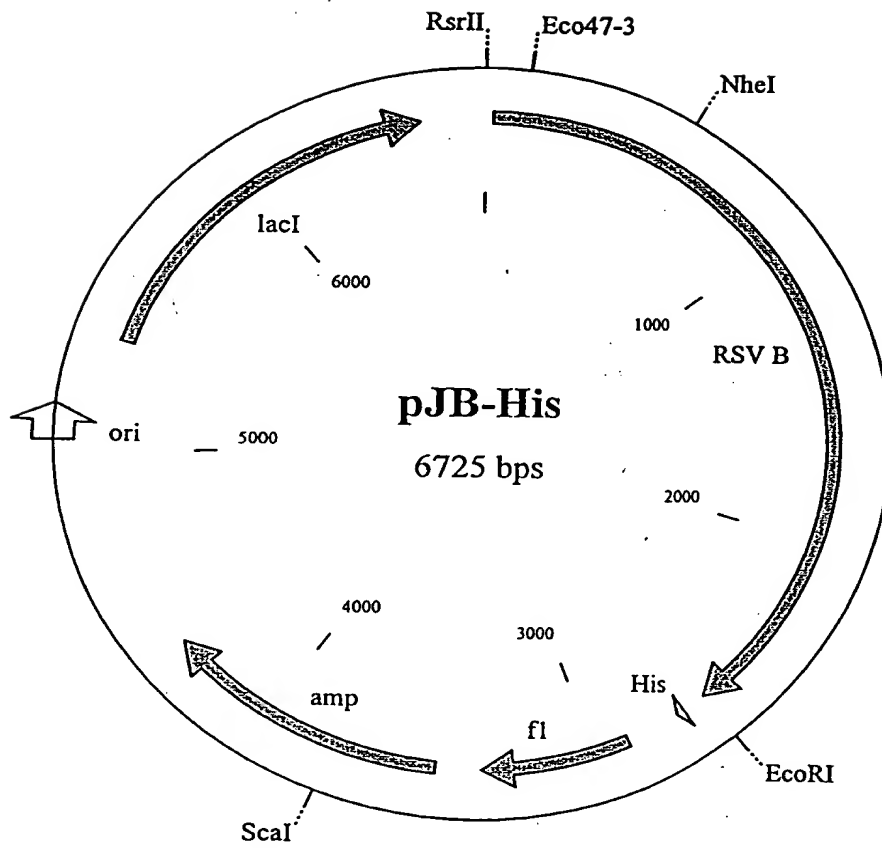




Figure 4B

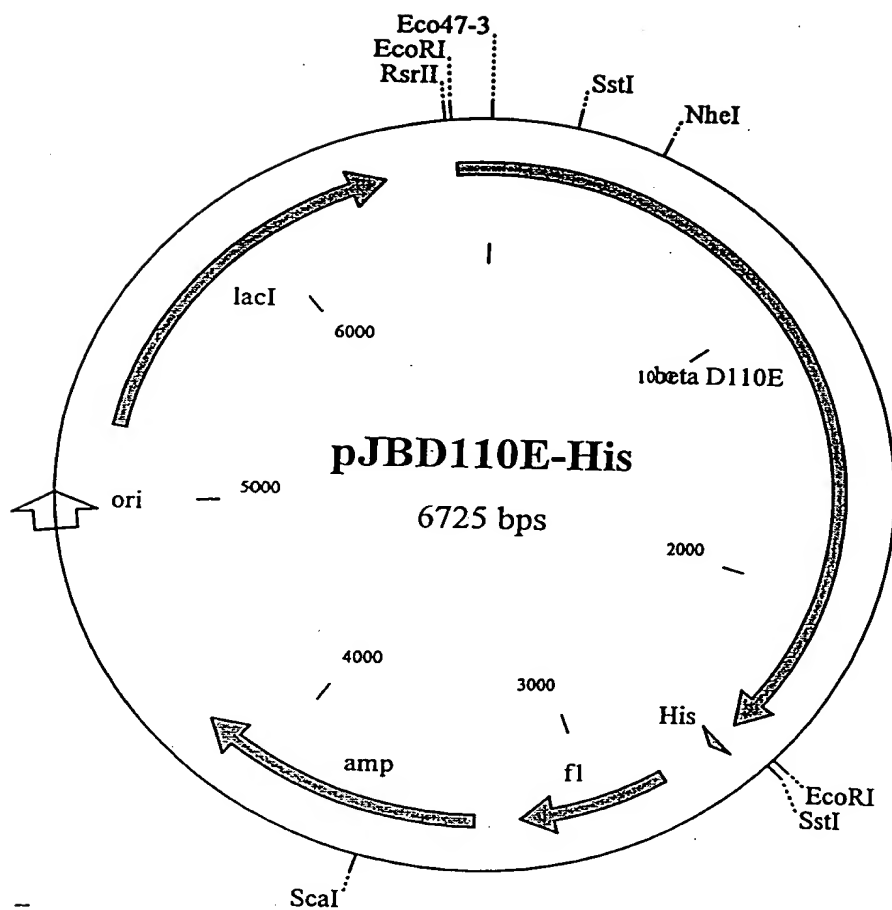


Figure 49

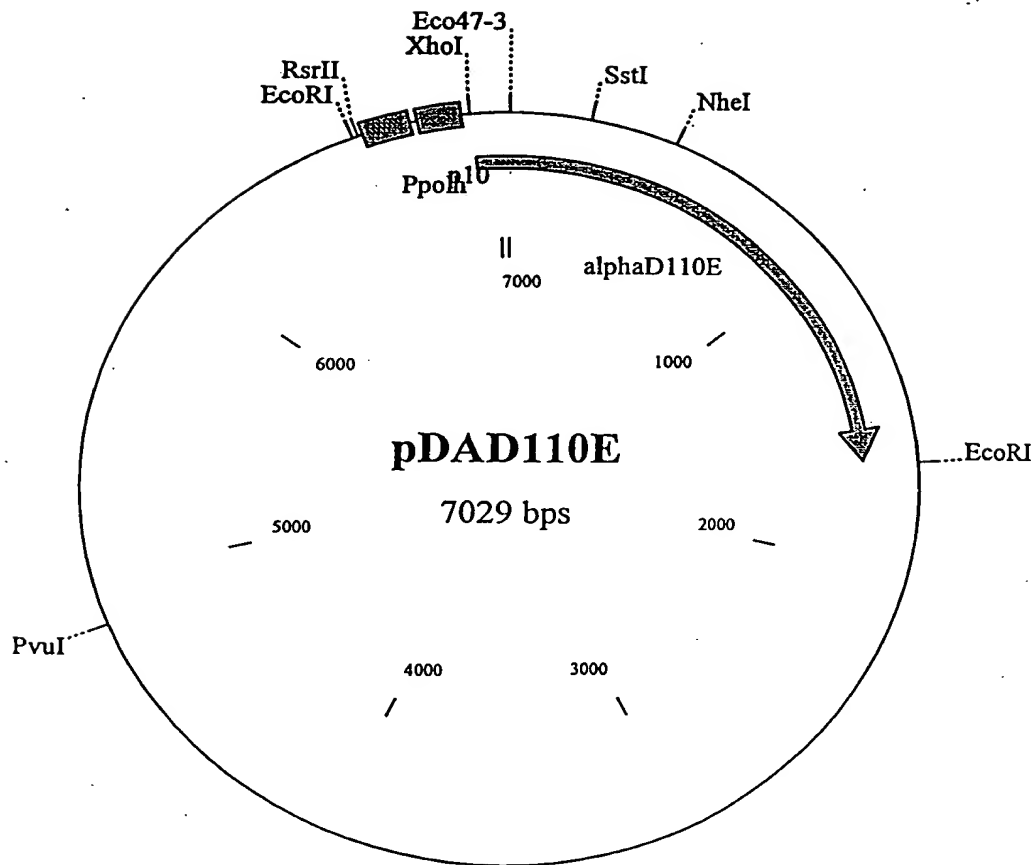


Figure 50

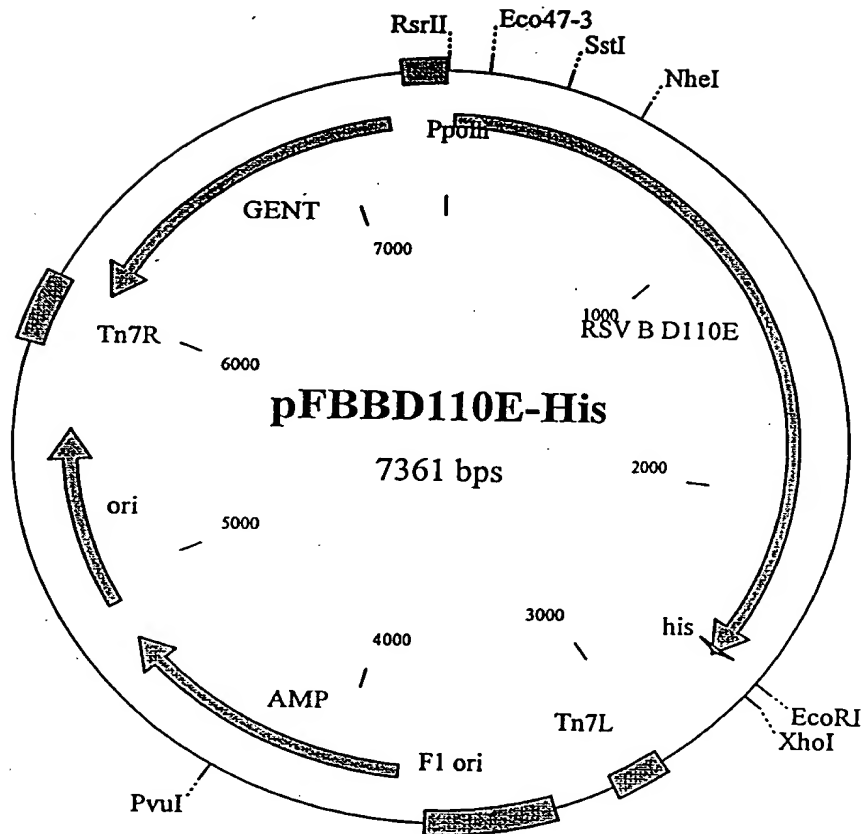
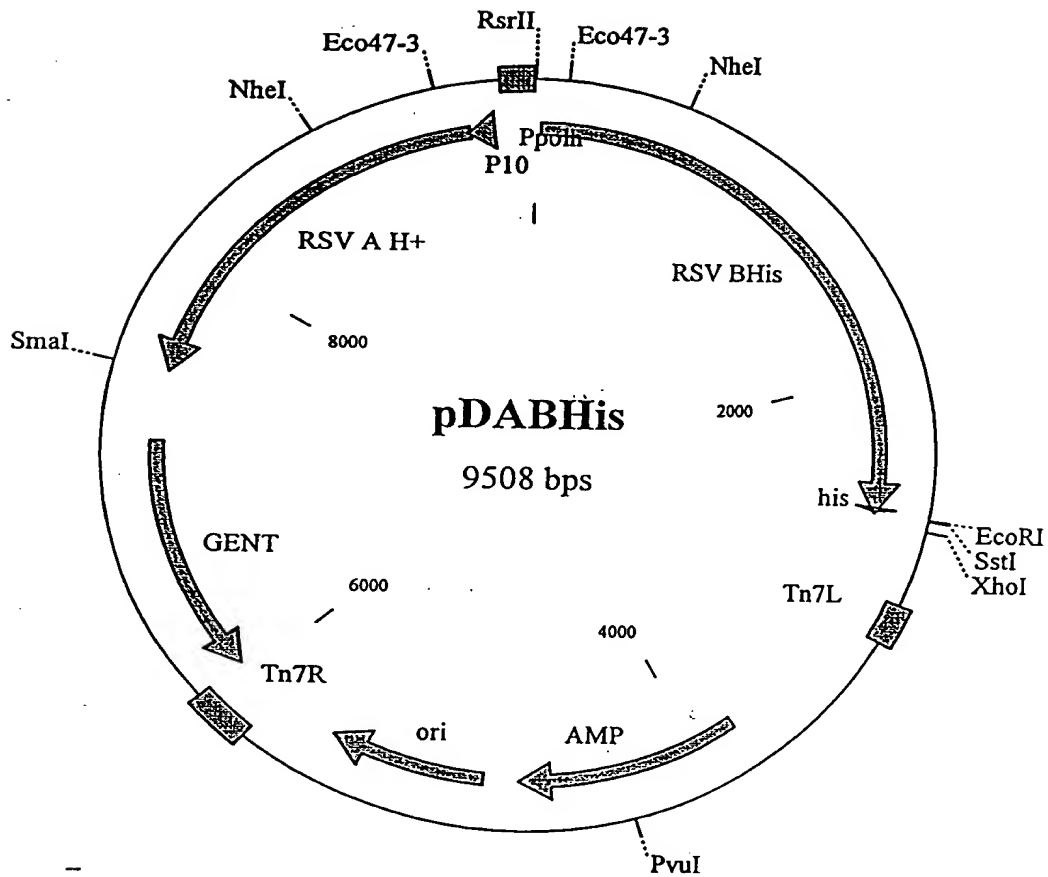


figure 51



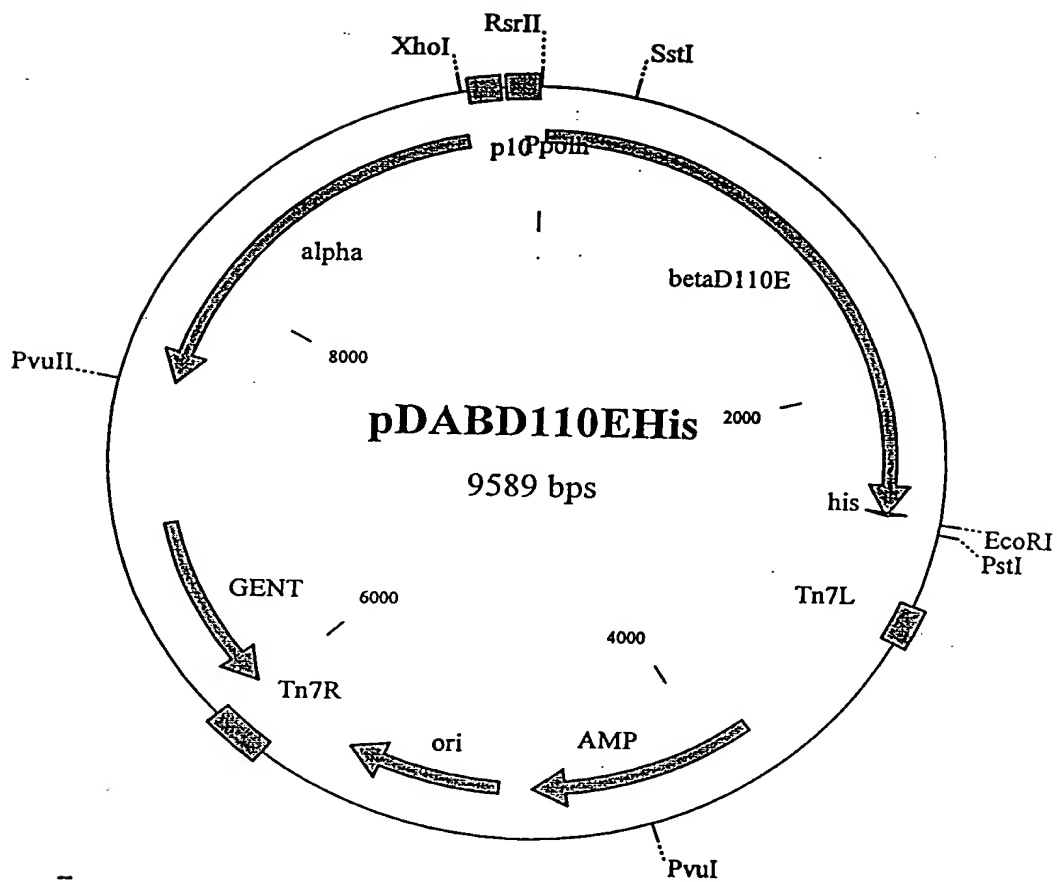


Figure 53

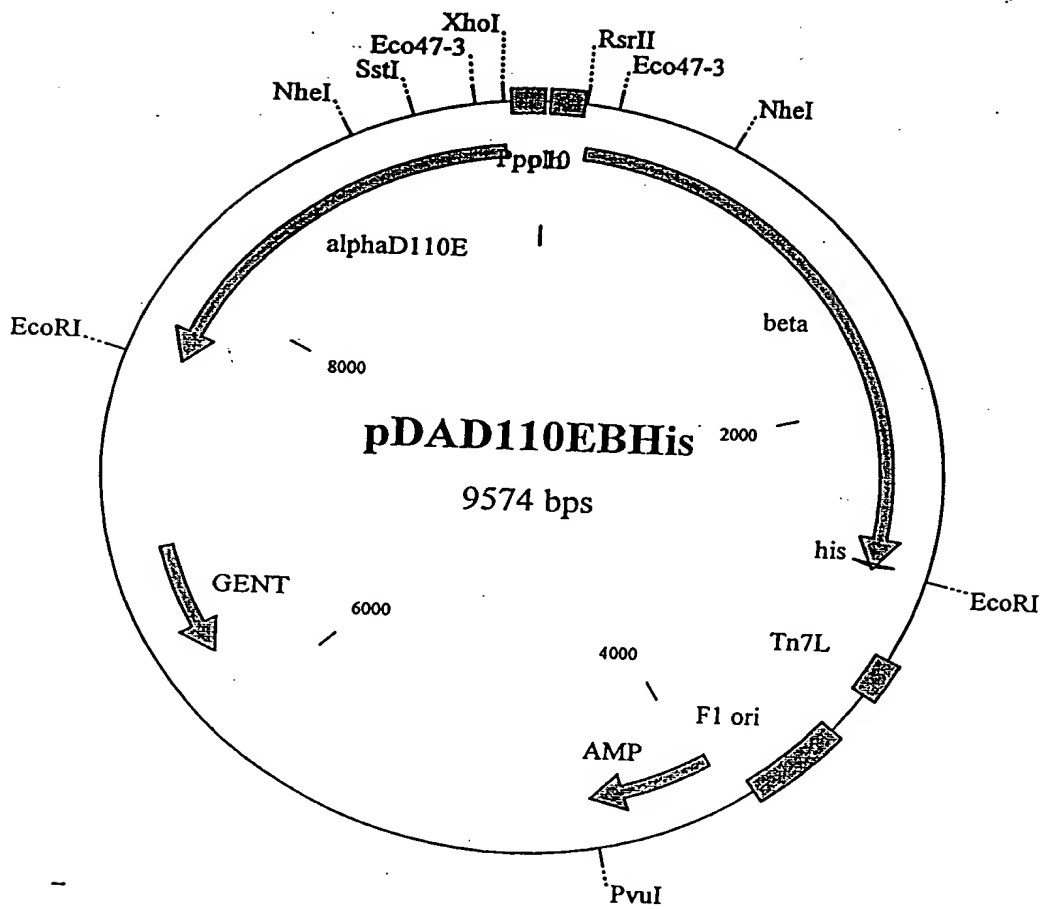


Figure 54

